Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
Data File : BP021360.D
Acq On : 04 Aug 2024 03:29
Operator : CG/JU
Sample : P3278-20MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1ZS0MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 05 00:34:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	180957	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	706407	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	454623	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.087	188	1046317	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	1121493	20.000	ng/ul	-0.01
88) Perylene-d12	24.816	264	1336835	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	16798	4.224	ng/uL	-0.02
4) Pyridine-d5	3.581	84	241455	20.973	ng/ul	-0.01
7) Phenol-d5	6.834	99	364417	24.701	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.964	67	208740	23.347	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.169	132	295502	24.311	ng/ul	-0.01
15) 4-Methylphenol-d8	8.346	113	282487	23.054	ng/ul	-0.02
21) Nitrobenzene-d5	8.775	128	137357	25.034	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.487	143	160142	25.501	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.046	165	296112	26.076	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	373755	24.845	ng/ul	-0.01
46) Dimethylphthalate-d6	13.669	166	874926	26.474	ng/ul	-0.01
49) Acenaphthylene-d8	13.946	160	997754	26.887	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.575	143	184603	39.259	ng/ul	-0.01
60) Fluorene-d10	15.275	176	752534	27.756	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	148423	23.445	ng/ul	0.00
73) Anthracene-d10	17.181	188	1239879	26.680	ng/ul	-0.01
81) Pyrene-d10	19.563	212	1654966	23.869	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.580	264	1916237	29.064	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	57938	13.247	ng/uL	98
5) Pyridine	3.599	79	365728	30.800	ng/ul	99
6) Benzaldehyde	6.793	77	231401	31.112	ng/ul	98
8) Phenol	6.864	94	503367	33.719	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.058	93	371842	30.152	ng/ul	99
12) 2-Chlorophenol	7.199	128	391313	32.121	ng/ul	98
13) 2-Methylphenol	8.075	108	365922	31.695	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.122	45	545997	30.645	ng/ul#	94
16) Acetophenone	8.440	105	588971	31.144	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.416	70	285862	28.849	ng/ul	98
18) 4-Methylphenol	8.411	108	394602	31.903	ng/ul	95
19) Hexachloroethane	8.658	117	161885	29.571	ng/ul	95
22) Nitrobenzene	8.822	77	449049	34.165	ng/ul	98
23) Isophorone	9.334	82	816833	31.261	ng/ul	98
25) 2-Nitrophenol	9.516	139	225442	34.421	ng/ul	99
26) 2,4-Dimethylphenol	9.587	107	382495	29.616	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.805	93	482757	30.395	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	376629	33.654	ng/ul	98
30) Naphthalene	10.434	128	1216310	32.734	ng/ul	99
32) 4-Chloroaniline	10.569	127	379998	26.453	ng/ul	97
33) Hexachlorobutadiene	10.687	225	253309	30.187	ng/ul	98
34) Caprolactam	11.393	113	128641m	37.314	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	425997	35.019	ng/ul	99
36) 2-Methylnaphthalene	12.046	142	822615	32.251	ng/ul	99

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	844275	32.184	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	479778	32.496	ng/ul	99
40) Hexachlorocyclopentadiene	12.375	237	85378	11.054	ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	296013	31.730	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	327102	33.139	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	1088178	32.752	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	868908	32.760	ng/ul	100
45) 2-Nitroaniline	13.369	65	279915	38.162	ng/ul	97
47) Dimethylphthalate	13.716	163	1082407	32.278	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	235224	35.086	ng/ul	98
50) Acenaphthylene	13.981	152	1395499	33.214	ng/ul	100
51) 3-Nitroaniline	14.222	138	237716	40.746	ng/ul	97
52) Acenaphthene	14.322	153	920220	32.998	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	127812	36.302	ng/ul	99
55) 4-Nitrophenol	14.587	109	159946	41.817	ng/ul	80
56) Dibenzofuran	14.669	168	1308090	34.254	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	358680	38.973	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.928	232	284258	33.630	ng/ul	95
59) Diethylphthalate	15.110	149	1092632	32.603	ng/ul	100
61) Fluorene	15.334	166	1076534	34.546	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	538459	31.843	ng/ul	99
63) 4-Nitroaniline	15.416	138	250375	51.823	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.475	198	217322	32.371	ng/ul	100
67) N-Nitrosodiphenylamine	15.563	169	926653	30.413	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	354797	28.930	ng/ul	99
69) Hexachlorobenzene	16.357	284	438796	31.205	ng/ul	97
70) Atrazine	16.545	200	251667	22.664	ng/ul	99
71) Pentachlorophenol	16.745	266	227116m	29.737	ng/ul	
72) Phenanthrene	17.128	178	1780399	32.801	ng/ul	99
74) Anthracene	17.216	178	1810250	32.714	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	471669	28.165	ng/uL	99
76) Pentachlorobenzene	14.581	250	486638	29.244	ng/uL	98
77) Carbazole	17.522	167	1720033	38.025	ng/ul	99
78) Di-n-butylphthalate	18.081	149	2032771	32.572	ng/ul	100
80) Fluoranthene	19.216	202	2371176	28.318	ng/ul	98
82) Pyrene	19.592	202	2512719	29.490	ng/ul	98
83) Butylbenzylphthalate	20.539	149	1031527	29.057	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.428	252	876866	34.217	ng/ul	99
85) Benzo(a)anthracene	21.504	228	2614310	33.277	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.410	149	1456961	28.518	ng/ul	100
87) Chrysene	21.569	228	2485236	34.044	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	2656093	30.076	ng/ul	100
90) Benzo(b)fluoranthene	23.769	252	2764661	34.079	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	2705661	33.419	ng/ul	100
93) Benzo(a)pyrene	24.663	252	2346432	30.607	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.568	276	3373947m	34.154	ng/ul	
95) Dibenzo(a,h)anthracene	28.621	278	2720282m	33.254	ng/ul	
96) Benzo(g,h,i)perylene	29.739	276	2606743m	32.401	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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