Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
Data File : BP020903.D
Acq On : 11 Jul 2024 14:29
Operator : MA/JU
Sample : P3088-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 11 23:19:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4CC5MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	272086	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	1180027	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	769853	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1401088	20.000	ng/ul	-0.01
79) Chrysene-d12	21.633	240	982487	20.000	ng/ul	0.01
88) Perylene-d12	24.992	264	1217044	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	24970	4.176	ng/uL	0.00
4) Pyridine-d5	3.670	84	375703	21.704	ng/ul	0.00
7) Phenol-d5	6.911	99	625000	28.176	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	377154	28.056	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	515157	28.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	509846	27.674	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	258149	28.166	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	297142	28.325	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	546320	28.801	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	639253	25.438	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	1523579	27.224	ng/ul	-0.01
49) Acenaphthylene-d8	14.045	160	1729333	27.520	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	204048	25.626	ng/ul	0.00
60) Fluorene-d10	15.369	176	1254785	27.330	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	232901	27.473	ng/ul	0.01
73) Anthracene-d10	17.275	188	1716375	27.581	ng/ul	0.00
81) Pyrene-d10	19.663	212	1664116	27.397	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	1727142	28.774	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	81117	12.335	ng/uL	98
5) Pyridine	3.687	79	509647	28.545	ng/ul	97
6) Benzaldehyde	6.887	77	256350	22.923	ng/ul	98
8) Phenol	6.940	94	838509	37.356	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.158	93	653302	35.232	ng/ul	99
12) 2-Chlorophenol	7.293	128	663972	36.248	ng/ul	99
13) 2-Methylphenol	8.169	108	618188	35.611	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.234	45	941148	35.131	ng/ul	98
16) Acetophenone	8.540	105	1034439	36.379	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.528	70	523890	35.163	ng/ul	99
18) 4-Methylphenol	8.499	108	685583	36.864	ng/ul	100
19) Hexachloroethane	8.775	117	279545	33.961	ng/ul	98
22) Nitrobenzene	8.916	77	773301	35.221	ng/ul	100
23) Isophorone	9.440	82	1484323	34.007	ng/ul	99
25) 2-Nitrophenol	9.616	139	406284	37.135	ng/ul	98
26) 2,4-Dimethylphenol	9.681	107	537868	24.931	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.904	93	917406	34.578	ng/ul	100
29) 2,4-Dichlorophenol	10.152	162	678979	36.320	ng/ul	98
30) Naphthalene	10.534	128	2122495	34.195	ng/ul	99
32) 4-Chloroaniline	10.657	127	649675	27.074	ng/ul	98
33) Hexachlorobutadiene	10.804	225	470951	33.598	ng/ul	99
34) Caprolactam	11.475	113	174375m	30.279	ng/ul	
35) 4-Chloro-3-methylphenol	11.799	107	741469	36.488	ng/ul	98
36) 2-Methylnaphthalene	12.157	142	1497912	35.156	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.369	142	1531088	34.940	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.522	216	884282	35.369	ng/ul	98
40)	Hexachlorocyclopentadiene	12.493	237	373764	28.578	ng/ul	100
41)	2,4,6-Trichlorophenol	12.775	196	551407	34.903	ng/ul	98
42)	2,4,5-Trichlorophenol	12.857	196	600606	35.932	ng/ul	100
43)	1,1'-Biphenyl	13.175	154	1971722	35.045	ng/ul	99
44)	2-Chloronaphthalene	13.222	162	1551635	34.546	ng/ul	99
45)	2-Nitroaniline	13.440	65	451453	36.346	ng/ul	99
47)	Dimethylphthalate	13.804	163	1899550	33.452	ng/ul	100
48)	2,6-Dinitrotoluene	13.951	165	402027	35.412	ng/ul	97
50)	Acenaphthylene	14.075	152	2346299	32.977	ng/ul	100
51)	3-Nitroaniline	14.281	138	356510	36.087	ng/ul	99
52)	Acenaphthene	14.416	153	1557123	32.974	ng/ul	98
53)	2,4-Dinitrophenol	14.492	184	214101	35.911	ng/ul	100
55)	4-Nitrophenol	14.616	109	231370	35.721	ng/ul	95
56)	Dibenzofuran	14.769	168	2178814	33.693	ng/ul	99
57)	2,4-Dinitrotoluene	14.745	165	543029	34.844	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.004	232	467085	32.633	ng/ul	98
59)	Diethylphthalate	15.198	149	1843277	32.481	ng/ul	99
61)	Fluorene	15.428	166	1725426	32.697	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.422	204	929062	32.445	ng/ul	97
63)	4-Nitroaniline	15.469	138	326998	39.969	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.534	198	324438	36.089	ng/ul#	97
67)	N-Nitrosodiphenylamine	15.645	169	1495366	36.651	ng/ul	99
68)	4-Bromophenyl-phenylether	16.339	248	587867	35.797	ng/ul	97
69)	Hexachlorobenzene	16.451	284	654817	34.775	ng/ul	98
70)	Atrazine	16.634	200	345745	23.252	ng/ul	100
71)	Pentachlorophenol	16.816	266	324575	31.737	ng/ul	99
72)	Phenanthrene	17.216	178	2558120	35.196	ng/ul	99
74)	Anthracene	17.316	178	2481224	33.486	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.134	216	931058	41.518	ng/uL	99
76)	Pentachlorobenzene	14.675	250	756906	33.968	ng/uL	100
77)	Carbazole	17.598	167	2044660	33.756	ng/ul	100
78)	Di-n-butylphthalate	18.175	149	2744069	32.836	ng/ul	100
80)	Fluoranthene	19.316	202	2557959	34.871	ng/ul	100
82)	Pyrene	19.692	202	2642303	35.398	ng/ul	100
83)	Butylbenzylphthalate	20.639	149	1020901	32.826	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.533	252	715462	31.869	ng/ul	99
85)	Benzo(a)anthracene	21.610	228	2374913	34.507	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.533	149	1422239	31.777	ng/ul	99
87)	Chrysene	21.680	228	2269916	35.494	ng/ul	100
89)	Di-n-octyl phthalate	22.816	149	2594824	32.275	ng/ul	100
90)	Benzo(b)fluoranthene	23.921	252	2625386	35.547	ng/ul	99
91)	Benzo(k)fluoranthene	23.998	252	2524321	34.248	ng/ul	99
93)	Benzo(a)pyrene	24.827	252	2222364	31.842	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.815	276	3322530	36.944	ng/ul	99
95)	Dibenzo(a,h)anthracene	28.874	278	2680264	35.990	ng/ul	99
96)	Benzo(g,h,i)perylene	29.998	276	2604240	35.556	ng/ul	99

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

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