Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021904.D
Acq On : 13 Sep 2024 11:45
Operator : RC/JU
Sample : PB163353BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS353

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 14 04:49:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 12 12:48:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	101779	20.000	ng/ul	0.03
20) Naphthalene-d8	10.534	136	436797	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.369	164	343010	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.151	188	857887	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	691454	20.000	ng/ul	0.00
88) Perylene-d12	24.904	264	1089658	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	17420	5.536	ng/uL	0.01
4) Pyridine-d5	3.681	84	178529	19.272	ng/ul	0.02
7) Phenol-d5	6.940	99	272957	31.387	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.099	67	163724	32.413	ng/ul	0.03
11) 2-Chlorophenol-d4	7.299	132	215987	35.678	ng/ul	0.02
15) 4-Methylphenol-d8	8.463	113	227387	32.748	ng/ul	0.04
21) Nitrobenzene-d5	8.905	128	109291	40.175	ng/ul	0.03
24) 2-Nitrophenol-d4	9.622	143	118188	38.217	ng/ul	0.03
28) 2,4-Dichlorophenol-d3	10.157	165	255814	37.354	ng/ul	0.03
31) 4-Chloroaniline-d4	10.663	131	291351	29.192	ng/ul	0.02
46) Dimethylphthalate-d6	13.769	166	871703	33.826	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	947883	33.532	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	166527	34.184	ng/ul	0.00
60) Fluorene-d10	15.375	176	779048	31.805	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	154134	31.404	ng/ul	0.00
73) Anthracene-d10	17.257	188	1312979	32.948	ng/ul	0.00
81) Pyrene-d10	19.616	212	1486233	38.850	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.686	264	1937278	34.162	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	29849	8.829	ng/uL	95
5) Pyridine	3.699	79	180332	19.470	ng/ul	94
6) Benzaldehyde	6.916	77	128255	28.198	ng/ul	97
8) Phenol	6.963	94	282203	31.282	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.193	93	215338	31.802	ng/ul	94
12) 2-Chlorophenol	7.334	128	227701	36.569	ng/ul	99
13) 2-Methylphenol	8.199	108	209099	32.777	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.281	45	261815	35.576	ng/ul	98
16) Acetophenone	8.575	105	359168	32.076	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.558	70	182372	34.070	ng/ul	99
18) 4-Methylphenol	8.522	108	235674	32.933	ng/ul	95
19) Hexachloroethane	8.834	117	94833	32.107	ng/ul	98
22) Nitrobenzene	8.946	77	282881	38.816	ng/ul	98
23) Isophorone	9.469	82	510570	37.571	ng/ul	98
25) 2-Nitrophenol	9.652	139	131782	38.505	ng/ul	97
26) 2,4-Dimethylphenol	9.710	107	221751	30.483	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.946	93	312327	37.537	ng/ul	100
29) 2,4-Dichlorophenol	10.181	162	253886	36.236	ng/ul	98
30) Naphthalene	10.581	128	747988	32.164	ng/ul	98
32) 4-Chloroaniline	10.687	127	262940	26.759	ng/ul	99
33) Hexachlorobutadiene	10.869	225	177791	31.860	ng/ul	99
34) Caprolactam	11.457	113	79949m	32.920	ng/ul	
35) 4-Chloro-3-methylphenol	11.810	107	273331	34.509	ng/ul	98
36) 2-Methylnaphthalene	12.181	142	552694	32.390	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	561146	32.268	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.551	216	349223	29.900	ng/ul	99
40) Hexachlorocyclopentadiene	12.534	237	179481	27.147	ng/ul	97
41) 2,4,6-Trichlorophenol	12.793	196	173510	24.166	ng/ul	99
42) 2,4,5-Trichlorophenol	12.869	196	200833	25.378	ng/ul	98
43) 1,1'-Biphenyl	13.198	154	791052	31.483	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	631513	31.111	ng/ul	98
45) 2-Nitroaniline	13.440	65	188861	35.019	ng/ul	96
47) Dimethylphthalate	13.822	163	876262	33.561	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	171014	35.249	ng/ul	95
50) Acenaphthylene	14.093	152	1035083	34.459	ng/ul	100
51) 3-Nitroaniline	14.275	138	172923	35.169	ng/ul	96
52) Acenaphthene	14.440	153	703531	32.653	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	95045	30.991	ng/ul	96
55) 4-Nitrophenol	14.593	109	148706	34.003	ng/ul	90
56) Dibenzofuran	14.775	168	1046845	33.183	ng/ul	96
57) 2,4-Dinitrotoluene	14.740	165	274534	36.094	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.998	232	182281	26.745	ng/ul	95
59) Diethylphthalate	15.204	149	902402	34.427	ng/ul	99
61) Fluorene	15.434	166	864979	31.267	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	456680	31.702	ng/ul	98
63) 4-Nitroaniline	15.440	138	197254	36.163	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.510	198	169840	31.335	ng/ul	98
67) N-Nitrosodiphenylamine	15.640	169	761175	32.168	ng/ul	97
68) 4-Bromophenyl-phenylether	16.334	248	297232	33.221	ng/ul	97
69) Hexachlorobenzene	16.451	284	350009	32.591	ng/ul	99
70) Atrazine	16.604	200	6869m	0.740	ng/ul	
71) Pentachlorophenol	16.804	266	152637	21.766	ng/ul	97
72) Phenanthrene	17.198	178	1520777	32.724	ng/ul	99
74) Anthracene	17.292	178	1505422	32.049	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.163	216	348253	29.006	ng/uL	99
76) Pentachlorobenzene	14.698	250	370380	30.832	ng/uL	98
77) Carbazole	17.569	167	1424387	33.862	ng/ul	100
78) Di-n-butylphthalate	18.163	149	1616576	34.961	ng/ul	99
80) Fluoranthene	19.275	202	1999983	45.391	ng/ul	99
82) Pyrene	19.651	202	1824815	38.162	ng/ul	98
83) Butylbenzylphthalate	20.598	149	595792	36.238	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	537874	34.715	ng/ul	100
85) Benzo(a)anthracene	21.569	228	1676471	34.325	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.504	149	906363	38.160	ng/ul	99
87) Chrysene	21.639	228	1583551	33.899	ng/ul	99
89) Di-n-octyl phthalate	22.774	149	1962238	33.769	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	2322635	34.325	ng/ul	99
91) Benzo(k)fluoranthene	23.927	252	2326132	34.793	ng/ul	100
93) Benzo(a)pyrene	24.751	252	2121371	33.962	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.674	276	2613347m	33.298	ng/ul	
95) Dibenzo(a,h)anthracene	28.751	278	2145914	33.941	ng/ul	99
96) Benzo(g,h,i)perylene	29.851	276	2126292	34.258	ng/ul	99

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

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