Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
Data File : BP021884.D
Acq On : 11 Sep 2024 14:59
Operator : RC/JU
Sample : SSTD04034
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 11 15:47:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	143213	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	500915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	487255	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	1197444	20.000	ng/ul	0.01
79) Chrysene-d12	21.569	240	1317247	20.000	ng/ul	0.00
88) Perylene-d12	24.886	264	1532242	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	55676	12.375	ng/uL	0.00
4) Pyridine-d5	3.681	84	408538	31.834	ng/ul	0.00
7) Phenol-d5	6.928	99	487476	33.688	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	291841	36.767	ng/ul	0.00
11) 2-Chlorophenol-d4	7.293	132	412077	42.491	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	312085	27.474	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	149017	37.621	ng/ul	0.00
24) 2-Nitrophenol-d4	9.605	143	171141	42.031	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	365713	44.852	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	539166	46.317	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	1509906	40.610	ng/ul	0.01
49) Acenaphthylene-d8	14.045	160	1663838	40.269	ng/ul	0.01
54) 4-Nitrophenol-d4	14.563	143	281462	39.871	ng/ul	0.01
60) Fluorene-d10	15.357	176	1342564	39.575	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	277781	42.310	ng/ul	0.00
73) Anthracene-d10	17.245	188	2214192	39.385	ng/ul	0.00
81) Pyrene-d10	19.616	212	2944661	39.502	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.663	264	3350245	41.368	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	58514	12.322	ng/uL	97
5) Pyridine	3.699	79	416405	32.189	ng/ul	99
6) Benzaldehyde	6.899	77	285733	38.608	ng/ul	97
8) Phenol	6.958	94	510771	33.859	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.181	93	390627	33.588	ng/ul	97
12) 2-Chlorophenol	7.322	128	412401	40.724	ng/ul	99
13) 2-Methylphenol	8.187	108	283774	25.969	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.258	45	327260	28.419	ng/ul	100
16) Acetophenone	8.558	105	493319	27.185	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.546	70	238732	27.705	ng/ul	97
18) 4-Methylphenol	8.510	108	319198	26.599	ng/ul	98
19) Hexachloroethane	8.816	117	130831	28.866	ng/ul	95
22) Nitrobenzene	8.928	77	375498	34.476	ng/ul	98
23) Isophorone	9.457	82	675133	31.474	ng/ul	98
25) 2-Nitrophenol	9.634	139	186613	41.540	ng/ul	98
26) 2,4-Dimethylphenol	9.699	107	363441	33.850	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.928	93	400575	29.977	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	365971	44.701	ng/ul	97
30) Naphthalene	10.563	128	1057269	38.069	ng/ul	99
32) 4-Chloroaniline	10.663	127	573513	49.328	ng/ul	99
33) Hexachlorobutadiene	10.852	225	360668	63.825	ng/ul	97
34) Caprolactam	11.446	113	144633m	43.797	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	475440	45.629	ng/ul	95
36) 2-Methylnaphthalene	12.169	142	1017233	53.391	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1034673	53.668	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.540	216	701782	45.882	ng/ul	98
40) Hexachlorocyclopentadiene	12.522	237	400314	45.538	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	441343	45.102	ng/ul	99
42) 2,4,5-Trichlorophenol	12.851	196	493763	46.593	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	1417781	39.365	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	1145874	40.395	ng/ul	96
45) 2-Nitroaniline	13.428	65	303478	34.795	ng/ul	92
47) Dimethylphthalate	13.810	163	1525512	41.054	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	304524	44.227	ng/ul	90
50) Acenaphthylene	14.075	152	1741791	39.446	ng/ul	99
51) 3-Nitroaniline	14.251	138	295986	39.979	ng/ul	92
52) Acenaphthene	14.422	153	1231138	39.425	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	183185	44.107	ng/ul#	84
55) 4-Nitrophenol	14.575	109	237999	35.916	ng/ul#	87
56) Dibenzofuran	14.757	168	1816154	41.373	ng/ul	95
57) 2,4-Dinitrotoluene	14.716	165	465211	44.144	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.987	232	448223	47.736	ng/ul	93
59) Diethylphthalate	15.187	149	1472063	38.435	ng/ul	98
61) Fluorene	15.416	166	1445666	37.785	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.410	204	799669	41.241	ng/ul	96
63) 4-Nitroaniline	15.434	138	304216	38.879	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.492	198	306580	41.840	ng/ul#	94
67) N-Nitrosodiphenylamine	15.628	169	1281161	37.217	ng/ul	97
68) 4-Bromophenyl-phenylether	16.322	248	546255	42.019	ng/ul	93
70) Atrazine	16.604	200	533255	40.368	ng/ul	99
71) Pentachlorophenol	16.792	266	433881	43.838	ng/ul	92
72) Phenanthrene	17.186	178	2528495	38.706	ng/ul	100
74) Anthracene	17.281	178	2560815	38.812	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.151	216	712745	43.428	ng/uL	97
76) Pentachlorobenzene	14.681	250	752799	43.694	ng/uL	98
77) Carbazole	17.557	167	2299132	38.821	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2515041	35.629	ng/ul	100
80) Fluoranthene	19.263	202	3365157	38.776	ng/ul	98
82) Pyrene	19.645	202	3502679	37.914	ng/ul	97
83) Butylbenzylphthalate	20.592	149	1220513	33.469	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.463	252	1224134	37.971	ng/ul	99
85) Benzo(a)anthracene	21.551	228	3785805	40.771	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	1780920	33.271	ng/ul#	97
87) Chrysene	21.622	228	3485306	39.725	ng/ul	99
89) Di-n-octyl phthalate	22.757	149	3035131	32.996	ng/ul	100
90) Benzo(b)fluoranthene	23.833	252	3977573	42.009	ng/ul	98
91) Benzo(k)fluoranthene	23.910	252	3804577	40.535	ng/ul	98
93) Benzo(a)pyrene	24.739	252	3629940	41.342	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.662	276	3491416	30.642	ng/ul	98
95) Dibenzo(a,h)anthracene	28.733	278	2819028m	30.712	ng/ul	
96) Benzo(g,h,i)perylene	29.862	276	2798302m	31.632	ng/ul	

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

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