Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020761.D
Acq On : 02 Jul 2024 22:14
Operator : MA/JU
Sample : P3065-03MSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CX6MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:04:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	215544	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.510	136	846350	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.363	164	469324	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.181	188	809119	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	755919	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	928400	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	22887	4.560	ng/uL	0.00
4) Pyridine-d5	3.687	84	178348	12.191	ng/ul	0.00
7) Phenol-d5	6.928	99	572030	32.357	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	326574	29.139	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.281	132	472947	32.734	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	461817	32.164	ng/ul	0.00
21) Nitrobenzene-d5	8.887	128	228583	36.582	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	264347	42.275	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	496623	38.556	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	246380	13.649	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1362276	41.747	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1480643	38.026	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	184493	37.004	ng/ul	0.00
60) Fluorene-d10	15.375	176	1060256	38.612	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	180449	44.255	ng/ul	0.00
73) Anthracene-d10	17.281	188	1503172	41.394	ng/ul	0.00
81) Pyrene-d10	19.663	212	1454027	32.018	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	1232875	27.300	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	70919	12.626	ng/uL	94
5) Pyridine	3.705	79	280180	18.490	ng/ul	97
6) Benzaldehyde	6.905	77	234811	26.265	ng/ul	97
8) Phenol	6.958	94	714944	39.657	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.175	93	539584	36.152	ng/ul	97
12) 2-Chlorophenol	7.316	128	576728	39.707	ng/ul	97
13) 2-Methylphenol	8.181	108	537451	38.856	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	765663	33.756	ng/ul	98
16) Acetophenone	8.558	105	863369	37.653	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.540	70	426251	34.973	ng/ul	98
18) 4-Methylphenol	8.510	108	586647	40.068	ng/ul	99
19) Hexachloroethane	8.799	117	180123	28.567	ng/ul	90
22) Nitrobenzene	8.928	77	624656	38.562	ng/ul	97
23) Isophorone	9.457	82	1211661	37.752	ng/ul	98
25) 2-Nitrophenol	9.628	139	328703	48.676	ng/ul	93
26) 2,4-Dimethylphenol	9.693	107	567154	36.060	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.928	93	720138	37.716	ng/ul	98
29) 2,4-Dichlorophenol	10.169	162	564005	44.239	ng/ul	98
30) Naphthalene	10.557	128	1770456	39.083	ng/ul	100
32) 4-Chloroaniline	10.669	127	336554	19.365	ng/ul	99
33) Hexachlorobutadiene	10.828	225	400184	41.986	ng/ul	99
34) Caprolactam	11.475	113	138474	35.692	ng/ul	91
35) 4-Chloro-3-methylphenol	11.804	107	576216	40.935	ng/ul	98
36) 2-Methylnaphthalene	12.169	142	1192645	39.303	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	1217484	39.247	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.534	216	693861	46.242	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	244198	26.147	ng/ul	99
41) 2,4,6-Trichlorophenol	12.787	196	437530	48.879	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	457368	49.265	ng/ul	98
43) 1,1'-Biphenyl	13.193	154	1523364	43.402	ng/ul	99
44) 2-Chloronaphthalene	13.228	162	1185446	42.882	ng/ul	98
45) 2-Nitroaniline	13.451	65	342245	49.152	ng/ul	91
47) Dimethylphthalate	13.822	163	1475769	44.397	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	302061	50.962	ng/ul	90
50) Acenaphthylene	14.093	152	1877799	42.694	ng/ul	100
51) 3-Nitroaniline	14.281	138	236179	42.873	ng/ul	94
52) Acenaphthene	14.434	153	1231222	42.199	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	135771	44.160	ng/ul	95
55) 4-Nitrophenol	14.610	109	196850	44.120	ng/ul	99
56) Dibenzofuran	14.775	168	1658432	42.182	ng/ul	99
57) 2,4-Dinitrotoluene	14.757	165	406439	49.677	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.004	232	351895	45.893	ng/ul	93
59) Diethylphthalate	15.216	149	1443314	44.019	ng/ul	99
61) Fluorene	15.434	166	1337510	42.341	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.434	204	692245	41.995	ng/ul	96
63) 4-Nitroaniline	15.469	138	259400m	49.615	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.522	198	219134	50.170	ng/ul	94
67) N-Nitrosodiphenylamine	15.657	169	1130132	47.362	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	427092	47.323	ng/ul	94
69) Hexachlorobenzene	16.451	284	377600	37.375	ng/ul	93
70) Atrazine	16.639	200	274939	32.684	ng/ul	99
71) Pentachlorophenol	16.816	266	265239	45.602	ng/ul	98
72) Phenanthrene	17.228	178	2769965	65.376	ng/ul	100
74) Anthracene	17.316	178	2044854	46.919	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	676925	51.540	ng/uL	98
76) Pentachlorobenzene	14.687	250	517745	41.360	ng/uL	99
77) Carbazole	17.610	167	1611693	44.808	ng/ul	100
78) Di-n-butylphthalate	18.192	149	2196891	47.026	ng/ul	100
80) Fluoranthene	19.322	202	4216792	76.017	ng/ul	96
82) Pyrene	19.698	202	3320843	58.373	ng/ul	98
83) Butylbenzylphthalate	20.645	149	980676	46.423	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.539	252	328305	19.644	ng/ul	97
85) Benzo(a)anthracene	21.622	228	3429409	64.725	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.551	149	1892345	57.695	ng/ul#	98
87) Chrysene	21.692	228	3376474	67.420	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	2569738	43.116	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	4187646	74.455	ng/ul	98
91) Benzo(k)fluoranthene	24.021	252	3168262	55.688	ng/ul	99
93) Benzo(a)pyrene	24.845	252	1800536	33.913	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.845	276	2999609m	44.047	ng/ul	
95) Dibenzo(a,h)anthracene	28.909	278	2742947	49.007	ng/ul	98
96) Benzo(g,h,i)perylene	30.009	276	335034m	6.026	ng/ul	

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

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