Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010524\
Data File : BP019285.D
Acq On : 05 Jan 2024 17:04
Operator : MA/JU
Sample : 05953-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCFA7MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/08/2024
Supervised By :mohammad ahmed 01/08/2024

Quant Time: Jan 06 00:40:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	89485	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.593	136	346287	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	227922	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	556878	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	610944	20.000	ng/ul	# 0.00
88) Perylene-d12	23.668	264	743169	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	14178	5.411	ng/uL	0.00
4) Pyridine-d5	3.652	84	140611	21.381	ng/ul	0.00
7) Phenol-d5	6.987	99	223974	27.910	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	130341	28.076	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	176838	27.334	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	163509	26.171	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	88028	29.407	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	102674	31.737	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	200772	30.733	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	145229	18.074	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	578615	28.741	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	661119	30.265	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	90253	26.549	ng/ul	0.02
60) Fluorene-d10	15.434	176	516110	29.675	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.575	200	103329	28.304	ng/ul	0.00
73) Anthracene-d10	17.298	188	831635	28.596	ng/ul	0.00
81) Pyrene-d10	19.545	212	1100800	29.565	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	1235595	28.925	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	42366	14.706	ng/uL	97
5) Pyridine	3.669	79	262852	39.376	ng/ul	96
6) Benzaldehyde	6.940	77	183067	49.133	ng/ul	99
8) Phenol	7.016	94	329121	41.523	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.228	93	247911	38.656	ng/ul	99
12) 2-Chlorophenol	7.363	128	258625	39.059	ng/ul	98
13) 2-Methylphenol	8.257	108	246058	41.964	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	310116	40.991	ng/ul	98
16) Acetophenone	8.628	105	397392	42.469	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.610	70	192443	41.244	ng/ul	97
18) 4-Methylphenol	8.593	108	265946	42.137	ng/ul	99
19) Hexachloroethane	8.863	117	105808	38.097	ng/ul	95
22) Nitrobenzene	9.004	77	300064	41.030	ng/ul	99
23) Isophorone	9.534	82	561097	42.547	ng/ul	99
25) 2-Nitrophenol	9.716	139	152995	44.292	ng/ul	94
26) 2,4-Dimethylphenol	9.787	107	294247	48.387	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.016	93	330197	37.882	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	269132	42.158	ng/ul	98
30) Naphthalene	10.640	128	811667	38.876	ng/ul	99
32) 4-Chloroaniline	10.769	127	202739	26.294	ng/ul	100
33) Hexachlorobutadiene	10.916	225	208740	42.487	ng/ul	98
34) Caprolactam	11.569	113	86038	51.024	ng/ul	95
35) 4-Chloro-3-methylphenol	11.916	107	290840	46.410	ng/ul	96
36) 2-Methylnaphthalene	12.257	142	571659	40.611	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	558834	39.368	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	377081	40.170	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	145114	27.851	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	248322	44.327	ng/ul	99
42) 2,4,5-Trichlorophenol	12.963	196	269535	45.325	ng/ul	100
43) 1,1'-Biphenyl	13.275	154	778096	39.135	ng/ul	98
44) 2-Chloronaphthalene	13.316	162	637113	39.935	ng/ul	99
45) 2-Nitroaniline	13.540	65	186259	48.632	ng/ul	93
47) Dimethylphthalate	13.910	163	808793	40.699	ng/ul	99
48) 2,6-Dinitrotoluene	14.034	165	170453	46.678	ng/ul	99
50) Acenaphthylene	14.163	152	1016860	41.374	ng/ul	99
51) 3-Nitroaniline	14.369	138	139514	39.080	ng/ul	99
52) Acenaphthene	14.504	153	673997	40.463	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	97463	41.428	ng/ul	95
55) 4-Nitrophenol	14.704	109	143070	52.660	ng/ul	91
56) Dibenzofuran	14.839	168	959455	40.334	ng/ul	94
57) 2,4-Dinitrotoluene	14.828	165	248357	46.245	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.075	232	250612	48.236	ng/ul#	98
59) Diethylphthalate	15.269	149	808793	41.976	ng/ul	99
61) Fluorene	15.492	166	794932	41.752	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	441592	42.471	ng/ul	98
63) 4-Nitroaniline	15.534	138	155402m	43.266	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.592	198	157936	40.859	ng/ul#	99
67) N-Nitrosodiphenylamine	15.710	169	679414	39.975	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	300578	43.427	ng/ul	97
69) Hexachlorobenzene	16.498	284	362667	42.875	ng/ul	98
70) Atrazine	16.675	200	271872	56.682	ng/ul	97
71) Pentachlorophenol	16.851	266	291411	58.679	ng/ul	99
72) Phenanthrene	17.239	178	1339399	39.688	ng/ul	99
74) Anthracene	17.333	178	1333174	39.681	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	374637	38.692	ng/uL	99
76) Pentachlorobenzene	14.757	250	385116	40.026	ng/uL	100
77) Carbazole	17.616	167	1238455	44.315	ng/ul	100
78) Di-n-butylphthalate	18.163	149	1478207	42.649	ng/ul	99
80) Fluoranthene	19.216	202	1761806	41.235	ng/ul	98
82) Pyrene	19.574	202	1811681	40.472	ng/ul#	94
83) Butylbenzylphthalate	20.451	149	721630	45.130	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	276405	18.086	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1965512	40.719	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	1054990	44.807	ng/ul	99
87) Chrysene	21.339	228	1828835	40.631	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	1856047	43.673	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2015298	38.606	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	2076733	40.487	ng/ul	99
93) Benzo(a)pyrene	23.568	252	1953062	39.751	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.133	276	2576805	40.913	ng/ul	96
95) Dibenzo(a,h)anthracene	26.151	278	2143217	40.905	ng/ul#	97
96) Benzo(g,h,i)perylene	26.892	276	2086037	41.330	ng/ul#	96

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

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