Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032624\
Data File : BP019991.D
Acq On : 26 Mar 2024 09:42
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020764

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/29/2024
Supervised By :mohammad ahmed 03/29/2024

Quant Time: Mar 26 11:17:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 10:46:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	124785	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	542513	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	380058	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.075	188	814731	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	669819	20.000	ng/ul	-0.02
88) Perylene-d12	24.827	264	627601	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	22799	8.005	ng/uL	0.00
4) Pyridine-d5	3.640	84	178519	20.759	ng/ul	0.00
7) Phenol-d5	6.805	99	221400	21.037	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	150545	21.956	ng/ul	0.00
11) 2-Chlorophenol-d4	7.164	132	158492	20.970	ng/ul	0.01
15) 4-Methylphenol-d8	8.316	113	179398	22.033	ng/ul	0.01
21) Nitrobenzene-d5	8.769	128	85221	20.494	ng/ul	0.01
24) 2-Nitrophenol-d4	9.463	143	93537	20.105	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.010	165	177024	20.834	ng/ul	0.01
31) 4-Chloroaniline-d4	10.522	131	244606	22.083	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	567883	21.311	ng/ul	0.01
49) Acenaphthylene-d8	13.928	160	637516	20.481	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	88243	21.065	ng/ul	0.00
60) Fluorene-d10	15.263	176	467112	20.578	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	98699	20.238	ng/ul	-0.02
73) Anthracene-d10	17.175	188	747608	20.729	ng/ul	0.00
81) Pyrene-d10	19.569	212	843213	21.456	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.586	264	630696	20.918	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	26876	8.269	ng/uL	97
5) Pyridine	3.658	79	181266	20.679	ng/ul	95
6) Benzaldehyde	6.793	77	142961	27.471	ng/ul	97
8) Phenol	6.828	94	232492	21.130	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.064	93	192976	21.656	ng/ul	99
12) 2-Chlorophenol	7.193	128	165383	20.763	ng/ul	94
13) 2-Methylphenol	8.046	108	172668	21.770	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.122	45	278533	22.732	ng/ul	98
16) Acetophenone	8.434	105	304446	23.180	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.411	70	177173	24.186	ng/ul	98
18) 4-Methylphenol	8.375	108	189916	22.246	ng/ul	99
19) Hexachloroethane	8.658	117	77914	21.060	ng/ul	98
22) Nitrobenzene	8.810	77	249783	21.089	ng/ul	99
23) Isophorone	9.322	82	485105	21.972	ng/ul	98
25) 2-Nitrophenol	9.499	139	100447	20.710	ng/ul	95
26) 2,4-Dimethylphenol	9.563	107	224121	21.168	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.799	93	278426	21.566	ng/ul	100
29) 2,4-Dichlorophenol	10.028	162	173664	20.893	ng/ul	98
30) Naphthalene	10.422	128	578907	20.800	ng/ul	99
32) 4-Chloroaniline	10.546	127	238063	21.900	ng/ul	100
33) Hexachlorobutadiene	10.681	225	131677	20.102	ng/ul	98
34) Caprolactam	11.340	113	61904m	23.959	ng/ul	
35) 4-Chloro-3-methylphenol	11.669	107	214592	23.240	ng/ul	96
36) 2-Methylnaphthalene	12.034	142	404397	21.823	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	404212	21.810	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.404	216	243551	19.382	ng/ul	99
40) Hexachlorocyclopentadiene	12.369	237	122014	17.160	ng/ul	96
41) 2,4,6-Trichlorophenol	12.651	196	155270	20.114	ng/ul	100
42) 2,4,5-Trichlorophenol	12.734	196	162886	20.401	ng/ul	97
43) 1,1'-Biphenyl	13.057	154	545025	19.802	ng/ul	99
44) 2-Chloronaphthalene	13.099	162	438514	19.757	ng/ul	99
45) 2-Nitroaniline	13.328	65	158014	22.601	ng/ul	97
47) Dimethylphthalate	13.710	163	576950	21.451	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	117427	21.503	ng/ul	94
50) Acenaphthylene	13.957	152	719527	20.670	ng/ul	100
51) 3-Nitroaniline	14.175	138	114144	22.697	ng/ul	92
52) Acenaphthene	14.304	153	475954	20.582	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	60025	19.314	ng/ul	94
55) 4-Nitrophenol	14.498	109	83061	21.606	ng/ul	94
56) Dibenzofuran	14.645	168	659993	21.015	ng/ul	96
57) 2,4-Dinitrotoluene	14.640	165	169076	22.646	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.893	232	147148	21.491	ng/ul	97
59) Diethylphthalate	15.104	149	591808	22.188	ng/ul	100
61) Fluorene	15.322	166	543414	21.215	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	287383	20.946	ng/ul	100
63) 4-Nitroaniline	15.363	138	104814	24.403	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.428	198	102682	19.839	ng/ul	98
67) N-Nitrosodiphenylamine	15.557	169	467024	20.753	ng/ul	99
68) 4-Bromophenyl-phenylether	16.245	248	179686	20.321	ng/ul	99
69) Hexachlorobenzene	16.351	284	197567	20.122	ng/ul	98
70) Atrazine	16.534	200	181821	21.088	ng/ul	99
71) Pentachlorophenol	16.716	266	116314	20.209	ng/ul	99
72) Phenanthrene	17.122	178	873929	20.747	ng/ul	100
74) Anthracene	17.210	178	890087	20.811	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.016	216	241707	18.196	ng/uL	98
76) Pentachlorobenzene	14.563	250	237582	19.313	ng/uL	98
77) Carbazole	17.510	167	776507	21.231	ng/ul	99
78) Di-n-butylphthalate	18.092	149	967066	21.177	ng/ul	99
80) Fluoranthene	19.216	202	1010072	21.882	ng/ul	100
82) Pyrene	19.598	202	1046406	21.811	ng/ul	98
83) Butylbenzylphthalate	20.569	149	397170	20.387	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	275884	19.368	ng/ul	98
85) Benzo(a)anthracene	21.510	228	970325	20.933	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	548630	19.273	ng/ul	98
87) Chrysene	21.580	228	877470	20.361	ng/ul	99
89) Di-n-octyl phthalate	22.733	149	845923	21.252	ng/ul	100
90) Benzo(b)fluoranthene	23.769	252	784578	21.323	ng/ul	99
91) Benzo(k)fluoranthene	23.845	252	816988	21.849	ng/ul	100
93) Benzo(a)pyrene	24.674	252	750788	21.094	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.533	276	849063	18.940	ng/ul	98
95) Dibenzo(a,h)anthracene	28.615	278	700955m	19.222	ng/ul	
96) Benzo(g,h,i)perylene	29.703	276	687307	18.981	ng/ul	98

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

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