Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111624\
Data File : BP023180.D
Acq On : 16 Nov 2024 20:25
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020724

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 17 04:07:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 04:49:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	86975	20.000	ng/ul	0.00
20) Naphthalene-d8	10.322	136	342211	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	273931	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.004	188	684957	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.439	240	770620	20.000	ng/ul	0.00
88) Perylene-d12	24.651	264	876830	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	15259	8.433	ng/uL	0.00
4) Pyridine-d5	3.546	84	112168	20.865	ng/ul	0.00
7) Phenol-d5	6.781	99	134141	20.861	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	77686	20.563	ng/ul	0.00
11) 2-Chlorophenol-d4	7.122	132	99458	21.119	ng/ul	0.00
15) 4-Methylphenol-d8	8.287	113	108154	20.439	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	49686	20.856	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	60435	21.278	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	129694	21.805	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	146049	20.582	ng/ul	-0.01
46) Dimethylphthalate-d6	13.593	166	412512	20.894	ng/ul	-0.02
49) Acenaphthylene-d8	13.875	160	441732	21.443	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.463	143	49065	16.537	ng/ul	0.01
60) Fluorene-d10	15.210	176	365195	21.098	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	76893	18.740	ng/ul	0.00
73) Anthracene-d10	17.098	188	639185	22.040	ng/ul	-0.02
81) Pyrene-d10	19.486	212	788648	22.218	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.427	264	915075	21.909	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	16697	7.986	ng/uL	95
5) Pyridine	3.564	79	112393	20.818	ng/ul	98
6) Benzaldehyde	6.746	77	89477	24.180	ng/ul	98
8) Phenol	6.811	94	137024	20.406	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.017	93	105530	20.914	ng/ul	96
12) 2-Chlorophenol	7.158	128	102599	20.984	ng/ul	98
13) 2-Methylphenol	8.028	108	101730	20.296	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.081	45	122203	21.393	ng/ul	96
16) Acetophenone	8.387	105	178678	20.094	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.364	70	92638	20.865	ng/ul	98
18) 4-Methylphenol	8.352	108	114277	20.641	ng/ul	99
19) Hexachloroethane	8.616	117	45838	19.384	ng/ul	99
22) Nitrobenzene	8.764	77	144807	21.183	ng/ul	95
23) Isophorone	9.275	82	257578	21.073	ng/ul	99
25) 2-Nitrophenol	9.463	139	64693	21.580	ng/ul	91
26) 2,4-Dimethylphenol	9.528	107	136458	21.079	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.746	93	144424	21.474	ng/ul	97
29) 2,4-Dichlorophenol	9.999	162	125847	21.361	ng/ul	99
30) Naphthalene	10.369	128	345493	20.781	ng/ul	99
32) 4-Chloroaniline	10.499	127	136272	19.822	ng/ul	100
33) Hexachlorobutadiene	10.652	225	107283	20.125	ng/ul	98
34) Caprolactam	11.287	113	35863m	20.465	ng/ul	
35) 4-Chloro-3-methylphenol	11.646	107	134950	21.292	ng/ul	95
36) 2-Methylnaphthalene	11.987	142	260810	20.779	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.205	142	263507	20.537	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	196132	21.208	ng/ul	95
40) Hexachlorocyclopentadiene	12.328	237	84281	17.351	ng/ul	98
41) 2,4,6-Trichlorophenol	12.622	196	120988	21.485	ng/ul	99
42) 2,4,5-Trichlorophenol	12.704	196	132042	21.750	ng/ul	95
43) 1,1'-Biphenyl	13.016	154	375896	21.415	ng/ul	99
44) 2-Chloronaphthalene	13.057	162	306988	21.395	ng/ul	98
45) 2-Nitroaniline	13.275	65	90841	22.547	ng/ul	94
47) Dimethylphthalate	13.646	163	402721	20.683	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	81923	21.630	ng/ul	96
50) Acenaphthylene	13.904	152	445121	21.376	ng/ul	100
51) 3-Nitroaniline	14.134	138	73373	22.492	ng/ul	99
52) Acenaphthene	14.246	153	321789	21.285	ng/ul	97
53) 2,4-Dinitrophenol	14.357	184	38909	14.478	ng/ul	92
55) 4-Nitrophenol	14.475	109	51689	14.890	ng/ul	89
56) Dibenzofuran	14.599	168	497985	21.320	ng/ul	99
57) 2,4-Dinitrotoluene	14.587	165	130025	21.540	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.851	232	125528	21.153	ng/ul	98
59) Diethylphthalate	15.028	149	398833	20.711	ng/ul	100
61) Fluorene	15.263	166	409556	21.423	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.251	204	235167	20.891	ng/ul	98
63) 4-Nitroaniline	15.304	138	72159	23.772	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.369	198	83264	18.996	ng/ul	99
67) N-Nitrosodiphenylamine	15.481	169	350551	22.148	ng/ul	99
68) 4-Bromophenyl-phenylether	16.163	248	162124	20.902	ng/ul	99
69) Hexachlorobenzene	16.287	284	200356	20.519	ng/ul	98
70) Atrazine	16.457	200	159557	20.855	ng/ul	99
71) Pentachlorophenol	16.657	266	115955	19.127	ng/ul	99
72) Phenanthrene	17.045	178	700266	21.653	ng/ul	100
74) Anthracene	17.128	178	702902	21.618	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	195913	21.663	ng/uL	98
76) Pentachlorobenzene	14.522	250	220252	21.330	ng/uL	96
77) Carbazole	17.422	167	609281	21.478	ng/ul	99
78) Di-n-butylphthalate	18.010	149	675217	21.449	ng/ul	99
80) Fluoranthene	19.145	202	921374	22.532	ng/ul	99
82) Pyrene	19.522	202	956214	21.767	ng/ul	99
83) Butylbenzylphthalate	20.475	149	322658	22.309	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.345	252	357006	20.639	ng/ul	97
85) Benzo(a)anthracene	21.416	228	1004302	21.343	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	461967	22.476	ng/ul	96
87) Chrysene	21.486	228	950588	21.470	ng/ul	99
89) Di-n-octyl phthalate	22.563	149	767221	21.567	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1107868	22.700	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	1044417	21.739	ng/ul#	98
93) Benzo(a)pyrene	24.498	252	976995	22.145	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.298	276	1278499m	20.800	ng/ul	
95) Dibenzo(a,h)anthracene	28.339	278	1033166	20.701	ng/ul	99
96) Benzo(g,h,i)perylene	29.439	276	960825	20.580	ng/ul	97

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

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