Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111324\
Data File : BP023149.D
Acq On : 15 Nov 2024 21:31
Operator : RC/JU
Sample : PB164958BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS958

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/16/2024
Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 16 00:05:20 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	76085	20.000	ng/ul	0.00
20) Naphthalene-d8	10.322	136	296966	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	237177	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.004	188	598179	20.000	ng/ul	-0.01
79) Chrysene-d12	21.439	240	701418	20.000	ng/ul	0.00
88) Perylene-d12	24.651	264	791985	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	10479	6.620	ng/uL	0.00
4) Pyridine-d5	3.540	84	141456	30.079	ng/ul	0.00
7) Phenol-d5	6.775	99	187999	33.421	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	105185	31.827	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.116	132	138193	33.544	ng/ul	-0.01
15) 4-Methylphenol-d8	8.281	113	149668	32.333	ng/ul	-0.01
21) Nitrobenzene-d5	8.711	128	69799	33.762	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.422	143	82632	33.526	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.969	165	175534	34.008	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	174249	28.298	ng/ul	-0.01
46) Dimethylphthalate-d6	13.598	166	574996	33.637	ng/ul	-0.01
49) Acenaphthylene-d8	13.881	160	621796	34.861	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.445	143	83291	32.423	ng/ul	0.00
60) Fluorene-d10	15.216	176	509654	34.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.351	200	119723	33.411	ng/ul	-0.01
73) Anthracene-d10	17.098	188	872067	34.432	ng/ul	-0.02
81) Pyrene-d10	19.492	212	1148190	35.539	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.433	264	1382763	36.653	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	20943	11.451	ng/uL	91
5) Pyridine	3.558	79	140945	29.843	ng/ul	97
6) Benzaldehyde	6.746	77	70906	21.904	ng/ul	94
8) Phenol	6.805	94	187811	31.973	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.011	93	138807	31.446	ng/ul	97
12) 2-Chlorophenol	7.152	128	139373	32.585	ng/ul	97
13) 2-Methylphenol	8.022	108	135108	30.813	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.081	45	156471	31.313	ng/ul	95
16) Acetophenone	8.387	105	236755	30.437	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.363	70	122957	31.657	ng/ul	96
18) 4-Methylphenol	8.346	108	149023	30.770	ng/ul	97
19) Hexachloroethane	8.616	117	62124	30.032	ng/ul	96
22) Nitrobenzene	8.758	77	191825	32.336	ng/ul	98
23) Isophorone	9.275	82	336781	31.750	ng/ul	99
25) 2-Nitrophenol	9.452	139	85207	32.753	ng/ul	97
26) 2,4-Dimethylphenol	9.528	107	142342	25.339	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.740	93	188411	32.282	ng/ul	98
29) 2,4-Dichlorophenol	9.993	162	166743	32.614	ng/ul	95
30) Naphthalene	10.369	128	452513	31.365	ng/ul	99
32) 4-Chloroaniline	10.493	127	132681	22.240	ng/ul	96
33) Hexachlorobutadiene	10.646	225	138014	29.834	ng/ul	99
34) Caprolactam	11.281	113	49258m	32.392	ng/ul	
35) 4-Chloro-3-methylphenol	11.640	107	178444	32.444	ng/ul	97
36) 2-Methylnaphthalene	11.993	142	341790	31.380	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.199	142	341077	30.632	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.363	216	261250	32.627	ng/ul	95
40) Hexachlorocyclopentadiene	12.328	237	95458	22.697	ng/ul	99
41) 2,4,6-Trichlorophenol	12.610	196	154401	31.667	ng/ul	95
42) 2,4,5-Trichlorophenol	12.704	196	168982	32.148	ng/ul	97
43) 1,1'-Biphenyl	13.004	154	502428	33.059	ng/ul	99
44) 2-Chloronaphthalene	13.057	162	402191	32.374	ng/ul	100
45) 2-Nitroaniline	13.269	65	124153	35.591	ng/ul	92
47) Dimethylphthalate	13.640	163	547761	32.492	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	111102	33.881	ng/ul	98
50) Acenaphthylene	13.910	152	615301	34.127	ng/ul	100
51) 3-Nitroaniline	14.128	138	97964	34.684	ng/ul#	89
52) Acenaphthene	14.257	153	428863	32.764	ng/ul	98
53) 2,4-Dinitrophenol	14.340	184	67083	28.831	ng/ul	99
55) 4-Nitrophenol	14.463	109	95053	31.626	ng/ul	95
56) Dibenzofuran	14.604	168	669885	33.124	ng/ul	97
57) 2,4-Dinitrotoluene	14.593	165	179768	34.396	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.851	232	151964	29.576	ng/ul	98
59) Diethylphthalate	15.028	149	533660	32.008	ng/ul	99
61) Fluorene	15.269	166	541430	32.710	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.257	204	313568	32.173	ng/ul	95
63) 4-Nitroaniline	15.304	138	102967	39.178	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.369	198	121686	31.789	ng/ul#	99
67) N-Nitrosodiphenylamine	15.481	169	465249	33.659	ng/ul	99
68) 4-Bromophenyl-phenylether	16.169	248	219482	32.402	ng/ul	97
69) Hexachlorobenzene	16.292	284	281536	33.016	ng/ul	96
70) Atrazine	16.457	200	85758	12.835	ng/ul	96
71) Pentachlorophenol	16.663	266	136787	25.837	ng/ul	98
72) Phenanthrene	17.045	178	962691	34.086	ng/ul	99
74) Anthracene	17.134	178	939797	33.096	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.969	216	260833	33.026	ng/uL	98
76) Pentachlorobenzene	14.522	250	286576	31.778	ng/uL	97
77) Carbazole	17.428	167	835714	33.733	ng/ul	99
78) Di-n-butylphthalate	18.016	149	923726	33.600	ng/ul	99
80) Fluoranthene	19.145	202	1267789	34.062	ng/ul	100
82) Pyrene	19.522	202	1331687	33.305	ng/ul	99
83) Butylbenzylphthalate	20.475	149	451411	34.290	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.345	252	508143	32.274	ng/ul	99
85) Benzo(a)anthracene	21.416	228	1419570	33.144	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.351	149	633948	33.887	ng/ul	98
87) Chrysene	21.480	228	1339394	33.236	ng/ul	99
89) Di-n-octyl phthalate	22.569	149	1103626	34.348	ng/ul	100
90) Benzo(b)fluoranthene	23.639	252	1611267	36.552	ng/ul	99
91) Benzo(k)fluoranthene	23.704	252	1508214m	34.755	ng/ul	
93) Benzo(a)pyrene	24.492	252	1383392	34.716	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.292	276	1846908m	33.266	ng/ul	
95) Dibenzo(a,h)anthracene	28.351	278	1517018	33.653	ng/ul	99
96) Benzo(g,h,i)perylene	29.427	276	1442273	34.202	ng/ul	98

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

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