Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081122\
Data File : BP011395.D
Acq On : 11 Aug 2022 19:39
Operator : CG/JU
Sample : PB146902BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS902

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/12/2022
Supervised By :Sohil Jodhani 08/13/2022

Quant Time: Aug 11 22:48:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 18:47:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	90676	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.369	136	382730	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.251	164	227036	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.028	188	464800	20.000	ng/ul	-0.01
79) Chrysene-d12	21.157	240	451978	20.000	ng/ul	-0.01
88) Perylene-d12	23.463	264	444965	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	19009	6.427	ng/uL	0.00
4) Pyridine-d5	3.487	84	233955	31.356	ng/ul	-0.01
7) Phenol-d5	6.763	99	277407	34.570	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.928	67	181704	31.935	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.110	132	224163	35.603	ng/ul	-0.01
15) 4-Methylphenol-d8	8.305	113	218717	34.713	ng/ul	-0.01
21) Nitrobenzene-d5	8.746	128	104957	40.294	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.463	143	107696	45.160	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.999	165	192551	39.982	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.522	131	276630	32.856	ng/ul	-0.01
46) Dimethylphthalate-d6	13.681	166	617727	39.214	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	731177	38.559	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.487	143	112529	39.111	ng/ul	0.00
60) Fluorene-d10	15.257	176	505368	37.513	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.392	200	90624	41.976	ng/ul	0.00
73) Anthracene-d10	17.128	188	771005	36.905	ng/ul	-0.01
81) Pyrene-d10	19.392	212	887957	35.659	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.315	264	864577	38.529	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.117	88	37894	12.061	ng/uL#	83
5) Pyridine	3.511	79	226893	29.195	ng/ul	88
6) Benzaldehyde	6.734	77	158545	45.335	ng/ul	99
8) Phenol	6.793	94	272011	31.316	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.022	93	218300	31.206	ng/ul	97
12) 2-Chlorophenol	7.146	128	225954	34.440	ng/ul	97
13) 2-Methylphenol	8.034	108	202240	32.329	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.122	45	318957	30.400	ng/ul	96
16) Acetophenone	8.410	105	344784	33.822	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.405	70	182402	36.321	ng/ul	98
18) 4-Methylphenol	8.369	108	216528	32.293	ng/ul	99
19) Hexachloroethane	8.646	117	99874	36.053	ng/ul	97
22) Nitrobenzene	8.787	77	273623	37.525	ng/ul	97
23) Isophorone	9.316	82	499258	37.327	ng/ul	99
25) 2-Nitrophenol	9.493	139	116995	42.095	ng/ul#	87
26) 2,4-Dimethylphenol	9.563	107	252278	35.924	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.804	93	288784	33.785	ng/ul	98
29) 2,4-Dichlorophenol	10.022	162	188063	37.342	ng/ul	98
30) Naphthalene	10.422	128	696213	33.435	ng/ul	99
32) 4-Chloroaniline	10.546	127	246389	29.195	ng/ul	98
33) Hexachlorobutadiene	10.698	225	118217	38.262	ng/ul	99
34) Caprolactam	11.346	113	66484m	39.476	ng/ul	
35) 4-Chloro-3-methylphenol	11.687	107	234622	39.623	ng/ul	96
36) 2-Methylnaphthalene	12.045	142	454504	35.213	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.269	142	460084	35.142	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.422	216	201308	33.680	ng/ul	96
40)	Hexachlorocyclopentadiene	12.393	237	102684	32.060	ng/ul	97
41)	2,4,6-Trichlorophenol	12.675	196	134581	37.214	ng/ul	98
42)	2,4,5-Trichlorophenol	12.745	196	149225	38.661	ng/ul	100
43)	1,1'-Biphenyl	13.081	154	591754	33.192	ng/ul	98
44)	2-Chloronaphthalene	13.116	162	448506	33.530	ng/ul	96
45)	2-Nitroaniline	13.340	65	166437	48.992	ng/ul	99
47)	Dimethylphthalate	13.728	163	600633	37.645	ng/ul	99
48)	2,6-Dinitrotoluene	13.851	165	114843	46.034	ng/ul	97
50)	Acenaphthylene	13.975	152	765199	35.007	ng/ul	99
51)	3-Nitroaniline	14.181	138	125042	45.564	ng/ul	96
52)	Acenaphthene	14.322	153	499788	34.283	ng/ul	98
53)	2,4-Dinitrophenol	14.387	184	59715	40.343	ng/ul#	88
55)	4-Nitrophenol	14.498	109	122997	46.082	ng/ul#	74
56)	Dibenzofuran	14.657	168	675530	34.180	ng/ul	92
57)	2,4-Dinitrotoluene	14.639	165	171413	44.827	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	14.892	232	121579	40.490	ng/ul	97
59)	Diethylphthalate	15.104	149	674558	40.810	ng/ul	97
61)	Fluorene	15.316	166	568315	35.408	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.316	204	254758	36.310	ng/ul	90
63)	4-Nitroaniline	15.357	138	139253m	52.147	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.410	198	89822	40.404	ng/ul#	91
67)	N-Nitrosodiphenylamine	15.539	169	487501	35.593	ng/ul	99
68)	4-Bromophenyl-phenylether	16.216	248	148640	36.138	ng/ul#	88
69)	Hexachlorobenzene	16.316	284	174697	36.356	ng/ul	92
70)	Atrazine	16.510	200	143590	31.452	ng/ul	99
71)	Pentachlorophenol	16.675	266	101431	36.361	ng/ul	97
72)	Phenanthrene	17.069	178	898856	34.488	ng/ul	100
74)	Anthracene	17.163	178	906716	34.946	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.040	216	202669	30.373	ng/uL	99
76)	Pentachlorobenzene	14.575	250	198925	34.231	ng/uL	99
77)	Carbazole	17.445	167	849027	35.018	ng/ul	98
78)	Di-n-butylphthalate	18.016	149	1149164	43.346	ng/ul	100
80)	Fluoranthene	19.063	202	1034730	34.139	ng/ul	94
82)	Pyrene	19.416	202	1073793	33.566	ng/ul	94
83)	Butylbenzylphthalate	20.316	149	524892	51.488	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.086	252	324090	39.400	ng/ul	98
85)	Benzo(a)anthracene	21.145	228	1014649	34.992	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.086	149	790232	48.286	ng/ul	98
87)	Chrysene	21.192	228	1000443	34.853	ng/ul	99
89)	Di-n-octyl phthalate	21.986	149	1323386	42.865	ng/ul	100
90)	Benzo(b)fluoranthene	22.763	252	1041780	35.573	ng/ul	98
91)	Benzo(k)fluoranthene	22.810	252	1018233	35.536	ng/ul	97
93)	Benzo(a)pyrene	23.368	252	1022949	36.216	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	25.845	276	1137420	36.426	ng/ul	95
95)	Dibenzo(a,h)anthracene	25.868	278	971475	36.581	ng/ul#	93
96)	Benzo(g,h,i)perylene	26.574	276	968028	36.739	ng/ul	95

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

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