Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022761.D
Acq On : 18 Nov 2022 17:41
Operator : CG/JU
Sample : PB149148BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS148

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/21/2022
Supervised By :mohammad ahmed 11/21/2022

Quant Time: Nov 18 21:49:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 05:17:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	57979	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	283724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	191543	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	386403	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	408668	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	406703	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	10155	5.980	ng/uL	0.00
4) Pyridine-d5	3.611	84	135416	28.197	ng/ul	0.00
7) Phenol-d5	7.022	99	188854	34.488	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	115222	35.094	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	135473	33.781	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	155711	36.018	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	73150	33.308	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	82299	33.585	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	142323	34.069	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	207007	32.532	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	479630	34.426	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	521790	33.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	94630	34.072	ng/ul	0.00
60) Fluorene-d10	15.522	176	396689	34.717	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	82321	33.518	ng/ul	0.00
73) Anthracene-d10	17.381	188	610904	36.106	ng/ul	0.00
81) Pyrene-d10	19.686	212	693472	32.744	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	714011	34.924	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	19145	10.594	ng/uL#	95
5) Pyridine	3.634	79	143183	30.069	ng/ul	99
6) Benzaldehyde	6.993	77	118819	42.887	ng/ul	98
8) Phenol	7.052	94	191064	33.501	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	144684	32.556	ng/ul	98
12) 2-Chlorophenol	7.410	128	140692	32.856	ng/ul	96
13) 2-Methylphenol	8.310	108	141017	33.218	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	205986	35.113	ng/ul	98
16) Acetophenone	8.693	105	241095	34.941	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	134609	36.604	ng/ul	98
18) 4-Methylphenol	8.646	108	159417	34.584	ng/ul	95
19) Hexachloroethane	8.934	117	58034	32.010	ng/ul	100
22) Nitrobenzene	9.075	77	194566	32.700	ng/ul	99
23) Isophorone	9.604	82	379498	33.344	ng/ul	99
25) 2-Nitrophenol	9.793	139	86327	32.043	ng/ul	99
26) 2,4-Dimethylphenol	9.852	107	178953	30.966	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.093	93	215326	32.808	ng/ul	100
29) 2,4-Dichlorophenol	10.322	162	141396	33.301	ng/ul	98
30) Naphthalene	10.722	128	487458	32.369	ng/ul	100
32) 4-Chloroaniline	10.846	127	211312	31.798	ng/ul	97
33) Hexachlorobutadiene	10.999	225	85263	32.624	ng/ul	97
34) Caprolactam	11.640	113	54430m	33.790	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	192865	34.828	ng/ul	98
36) 2-Methylnaphthalene	12.340	142	338981	33.043	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	338627	32.928	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.710	216	157834	30.700	ng/ul	97
40) Hexachlorocyclopentadiene	12.681	237	78817	26.257	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	114233	31.294	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	126324	32.680	ng/ul	94
43) 1,1'-Biphenyl	13.357	154	448489	31.899	ng/ul	97
44) 2-Chloronaphthalene	13.398	162	343582	31.361	ng/ul	97
45) 2-Nitroaniline	13.622	65	134280	33.750	ng/ul	97
47) Dimethylphthalate	13.992	163	479879	32.771	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	99229	33.476	ng/ul	96
50) Acenaphthylene	14.245	152	558278	32.555	ng/ul	98
51) 3-Nitroaniline	14.445	138	106480	33.362	ng/ul	98
52) Acenaphthene	14.592	153	395410	32.498	ng/ul	95
53) 2,4-Dinitrophenol	14.663	184	57066	27.548	ng/ul	96
55) 4-Nitrophenol	14.763	109	91511	33.240	ng/ul	99
56) Dibenzofuran	14.922	168	522211	32.483	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	146375	33.910	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	109740	33.147	ng/ul	96
59) Diethylphthalate	15.351	149	515602	33.220	ng/ul	99
61) Fluorene	15.575	166	445104	33.154	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.569	204	211052	33.350	ng/ul	98
63) 4-Nitroaniline	15.616	138	109228	38.375	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	81202	31.986	ng/ul	97
67) N-Nitrosodiphenylamine	15.792	169	385473	33.319	ng/ul	96
68) 4-Bromophenyl-phenylether	16.469	248	123419	32.435	ng/ul	92
69) Hexachlorobenzene	16.581	284	150810	33.905	ng/ul	92
70) Atrazine	16.745	200	130424	31.627	ng/ul	99
71) Pentachlorophenol	16.928	266	92509	32.734	ng/ul	90
72) Phenanthrene	17.322	178	707137	33.953	ng/ul	97
74) Anthracene	17.416	178	701350	33.246	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	161424	31.679	ng/uL	96
76) Pentachlorobenzene	14.839	250	164731	29.954	ng/uL	98
77) Carbazole	17.692	167	659982	33.671	ng/ul	99
78) Di-n-butylphthalate	18.251	149	909487	32.603	ng/ul	100
80) Fluoranthene	19.345	202	818749	30.975	ng/ul	96
82) Pyrene	19.716	202	861280	31.809	ng/ul	99
83) Butylbenzylphthalate	20.616	149	428336	31.078	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	320103	35.500	ng/ul	99
85) Benzo(a)anthracene	21.469	228	843490	31.256	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.392	149	649885	31.947	ng/ul	98
87) Chrysene	21.522	228	791220	30.960	ng/ul	96
89) Di-n-octyl phthalate	22.316	149	1157507	32.361	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	893882	32.432	ng/ul	96
91) Benzo(k)fluoranthene	23.198	252	863809	33.017	ng/ul	97
93) Benzo(a)pyrene	23.780	252	762352	32.632	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.398	276	938747	35.332	ng/ul	95
95) Dibenzo(a,h)anthracene	26.415	278	848851	35.646	ng/ul	97
96) Benzo(g,h,i)perylene	27.174	276	807012	34.836	ng/ul	97

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

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