Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122822\
Data File : BP013353.D
Acq On : 28 Dec 2022 15:46
Operator : CG/JU
Sample : N6187-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 29 00:19:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 28 00:16:35 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A43T5MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
12/29/2022
Supervised By :Sohil Jodhani
12/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	448045	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	1926313	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	1190428	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	2301581	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1955144	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	2331859	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	53030	5.061	ng/uL	0.00
4) Pyridine-d5	3.746	84	782754	26.296	ng/ul	0.00
7) Phenol-d5	7.093	99	1152103	31.569	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	688866	31.291	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	882754	30.727	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	923355	30.879	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	448248	31.671	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	520864	32.689	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	990081	31.991	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	1113364	25.482	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	2615141	28.584	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	3099756	30.834	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	404049	24.552	ng/ul	0.00
60) Fluorene-d10	15.569	176	2273743	29.376	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	399126	26.948	ng/ul	0.00
73) Anthracene-d10	17.434	188	3228536	31.093	ng/ul	0.00
81) Pyrene-d10	19.663	212	3499325	31.181	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	3583854	30.834	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	139133	12.719	ng/uL#	90
5) Pyridine	3.770	79	999847	33.796	ng/ul	98
6) Benzaldehyde	7.069	77	750411	52.513	ng/ul	97
8) Phenol	7.122	94	1372980	37.209	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.352	93	1052874	34.765	ng/ul	96
12) 2-Chlorophenol	7.493	128	1043560	35.422	ng/ul	96
13) 2-Methylphenol	8.375	108	1024815	35.625	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1622018	39.030	ng/ul	98
16) Acetophenone	8.763	105	1665761	36.331	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.746	70	859113	37.262	ng/ul	92
18) 4-Methylphenol	8.711	108	1130529	35.480	ng/ul	99
19) Hexachloroethane	9.016	117	410441	34.863	ng/ul	99
22) Nitrobenzene	9.146	77	1246716	37.539	ng/ul	98
23) Isophorone	9.669	82	2374353	35.356	ng/ul	98
25) 2-Nitrophenol	9.858	139	630128	36.499	ng/ul	94
26) 2,4-Dimethylphenol	9.916	107	1200219	35.630	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.152	93	1474954	34.350	ng/ul	100
29) 2,4-Dichlorophenol	10.393	162	1104829	36.443	ng/ul	100
30) Naphthalene	10.793	128	3442567	34.171	ng/ul	100
32) 4-Chloroaniline	10.905	127	1259309	29.126	ng/ul	99
33) Hexachlorobutadiene	11.075	225	758377	36.433	ng/ul	99
34) Caprolactam	11.699	113	292275m	28.274	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	1100570	35.572	ng/ul	100
36) 2-Methylnaphthalene	12.399	142	2366538	34.241	ng/ul	100

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37) 1-Methylnaphthalene	12.622	142	2351997	33.091	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	1475169	38.484	ng/ul	100
40) Hexachlorocyclopentadiene	12.746	237	836890	33.550	ng/ul	100
41) 2,4,6-Trichlorophenol	13.010	196	939187	38.124	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	1004477	37.960	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	3179998	35.568	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	2536646	36.049	ng/ul	100
45) 2-Nitroaniline	13.657	65	684091	40.098	ng/ul	93
47) Dimethylphthalate	14.028	163	2943191	32.457	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	601644	35.702	ng/ul	99
50) Acenaphthylene	14.298	152	3781742	34.990	ng/ul	100
51) 3-Nitroaniline	14.487	138	523963	32.928	ng/ul	99
52) Acenaphthene	14.640	153	2584106	34.502	ng/ul	100
53) 2,4-Dinitrophenol	14.693	184	345744	30.015	ng/ul	97
55) 4-Nitrophenol	14.793	109	372203	33.146	ng/ul	94
56) Dibenzofuran	14.975	168	3653082	34.305	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	820689	33.527	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	836301	34.632	ng/ul	95
59) Diethylphthalate	15.393	149	2688236	30.496	ng/ul	99
61) Fluorene	15.628	166	2902523	33.987	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	1566321	34.682	ng/ul	100
63) 4-Nitroaniline	15.651	138	527184	37.650	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.710	198	498722	34.457	ng/ul	97
67) N-Nitrosodiphenylamine	15.834	169	2381783	37.326	ng/ul	100
68) 4-Bromophenyl-phenylether	16.516	248	944525	37.789	ng/ul	98
69) Hexachlorobenzene	16.634	284	1096486	36.946	ng/ul	99
70) Atrazine	16.787	200	824299	33.150	ng/ul	99
71) Pentachlorophenol	16.981	266	599191	33.338	ng/ul	99
72) Phenanthrene	17.375	178	4178663	34.857	ng/ul	100
74) Anthracene	17.469	178	4221480	35.267	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	1471962	44.826	ng/uL	100
76) Pentachlorobenzene	14.893	250	1355091	40.476	ng/uL	99
77) Carbazole	17.739	167	3545792	35.174	ng/ul	100
78) Di-n-butylphthalate	18.275	149	3994986	32.548	ng/ul	100
80) Fluoranthene	19.339	202	4596817	36.089	ng/ul	99
82) Pyrene	19.692	202	4733287	36.024	ng/ul	98
83) Butylbenzylphthalate	20.557	149	1619806	31.911	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	1350103	30.567	ng/ul	100
85) Benzo(a)anthracene	21.404	228	4574010	35.241	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	2311618	32.284	ng/ul	100
87) Chrysene	21.457	228	4366367	35.574	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	3939740	30.158	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	4960332	33.359	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	4885738	33.135	ng/ul	100
93) Benzo(a)pyrene	23.780	252	4532654	35.008	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.474	276	6336693	39.291	ng/ul	98
95) Dibenzo(a,h)anthracene	26.486	278	5355757	40.109	ng/ul	98
96) Benzo(g,h,i)perylene	27.262	276	5276633	40.754	ng/ul	99

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

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