Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112822\
Data File : BP012818.D
Acq On : 28 Nov 2022 15:56
Operator : CG/JU
Sample : N5659-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ESQT8MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 28 22:40:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	596065	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	2663905	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1683464	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	3178509	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	1856467	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	1734469	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	76903	5.529	ng/uL	0.00
4) Pyridine-d5	3.828	84	253047	6.079	ng/ul	0.00
7) Phenol-d5	7.164	99	1581325	32.285	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	975224	32.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	1237260	33.151	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	1297841	32.887	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	602657	36.962	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	692522	40.001	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1360150	33.671	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1429554	25.844	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	4069611	35.120	ng/ul	0.00
49) Acenaphthylene-d8	14.346	160	4592774	33.969	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	666149	32.245	ng/ul	0.00
60) Fluorene-d10	15.645	176	3469043	34.184	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	576092	37.922	ng/ul	0.00
73) Anthracene-d10	17.510	188	5090732	36.384	ng/ul	0.00
81) Pyrene-d10	19.733	212	4826062	44.739	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	3292509	38.646	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	145066	9.711	ng/uL	98
5) Pyridine	3.846	79	331647	8.142	ng/ul	97
6) Benzaldehyde	7.152	77	777863	32.526	ng/ul	98
8) Phenol	7.193	94	1398185	27.224	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.434	93	1138368	27.052	ng/ul	100
12) 2-Chlorophenol	7.575	128	1111838	27.386	ng/ul	100
13) 2-Methylphenol	8.452	108	1080343	27.065	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1598584	26.337	ng/ul	99
16) Acetophenone	8.846	105	1760014	28.139	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.834	70	852416	27.665	ng/ul	97
18) 4-Methylphenol	8.787	108	1180524	26.854	ng/ul	97
19) Hexachloroethane	9.105	117	429916	27.614	ng/ul	98
22) Nitrobenzene	9.228	77	1224830	28.643	ng/ul	98
23) Isophorone	9.758	82	2499016	26.509	ng/ul	99
25) 2-Nitrophenol	9.940	139	654766	31.508	ng/ul	96
26) 2,4-Dimethylphenol	9.993	107	1231491	26.669	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1562345	27.031	ng/ul	100
29) 2,4-Dichlorophenol	10.475	162	1149902	27.479	ng/ul	99
30) Naphthalene	10.887	128	3731560	26.751	ng/ul	100
32) 4-Chloroaniline	10.987	127	1319681	23.230	ng/ul	99
33) Hexachlorobutadiene	11.169	225	761524	27.322	ng/ul	99
34) Caprolactam	11.763	113	320380m	24.933	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	1168701	27.580	ng/ul	98
36) 2-Methylnaphthalene	12.487	142	2591335	26.977	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	2581921	26.820	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.846	216	1496078	27.869	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	627966	24.277	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	961822	28.635	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	1038300	28.755	ng/ul	100
43) 1,1'-Biphenyl	13.487	154	3401120	27.734	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	2702817	27.549	ng/ul	100
45) 2-Nitroaniline	13.728	65	653596	34.050	ng/ul	95
47) Dimethylphthalate	14.104	163	3400722	27.997	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	635327	33.422	ng/ul	99
50) Acenaphthylene	14.375	152	4056789	27.440	ng/ul	99
51) 3-Nitroaniline	14.551	138	603495	27.412	ng/ul	97
52) Acenaphthene	14.716	153	2831545	27.205	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	308160	25.228	ng/ul	98
55) 4-Nitrophenol	14.851	109	391223	26.065	ng/ul	98
56) Dibenzofuran	15.051	168	3973353	27.696	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	894838	31.899	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.275	232	887113	28.504	ng/ul	98
59) Diethylphthalate	15.469	149	3284746	27.937	ng/ul	99
61) Fluorene	15.698	166	3181265	27.651	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.693	204	1668570	27.952	ng/ul	100
63) 4-Nitroaniline	15.716	138	522153	27.828	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.769	198	509788	31.263	ng/ul	98
67) N-Nitrosodiphenylamine	15.904	169	2758552	30.537	ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	313147	10.010	ng/ul	98
69) Hexachlorobenzene	16.704	284	1138998	28.566	ng/ul	100
70) Atrazine	16.863	200	832595	26.864	ng/ul	99
71) Pentachlorophenol	17.051	266	586494	23.953	ng/ul	99
72) Phenanthrene	17.451	178	4930976	29.108	ng/ul	100
74) Anthracene	17.539	178	4831923	28.831	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1479717	30.113	ng/uL	99
76) Pentachlorobenzene	14.969	250	1399873	27.405	ng/uL	99
77) Carbazole	17.804	167	3906878	27.557	ng/ul	100
78) Di-n-butylphthalate	18.351	149	4783824	28.503	ng/ul	99
80) Fluoranthene	19.410	202	4878917	36.362	ng/ul	98
82) Pyrene	19.763	202	4836616	34.852	ng/ul	98
83) Butylbenzylphthalate	20.628	149	1250124	38.496	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	725387	21.277	ng/ul	100
85) Benzo(a)anthracene	21.475	228	3571251	27.813	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	1564013	31.493	ng/ul	98
87) Chrysene	21.533	228	3395384	27.349	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2176702	21.976	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3378091	26.301	ng/ul	100
91) Benzo(k)fluoranthene	23.286	252	3288041	25.646	ng/ul	100
93) Benzo(a)pyrene	23.898	252	3010217	28.501	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.645	276	4081012	40.050	ng/ul	99
95) Dibenzo(a,h)anthracene	26.668	278	3562434	38.529	ng/ul	99
96) Benzo(g,h,i)perylene	27.457	276	3468349	39.573	ng/ul	99

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

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