Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008519.D
Acq On : 23 Dec 2021 10:31
Operator : CG/JU
Sample : SSTD04039
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD040646

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 23 12:00:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 11:56:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	542460	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	2225860	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	1476017	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	3089098	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	2658723	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	2169513	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	181666	14.622	ng/uL	0.00
4) Pyridine-d5	3.752	84	1300952	37.474	ng/ul	0.00
7) Phenol-d5	7.063	99	1656709	37.029	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	948082	37.256	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	1361934	38.246	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	1335926	36.831	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	649742	42.142	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	628774	45.487	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	1437883	40.279	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	1922844	38.872	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	4298131	38.908	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	5400056	38.862	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	714556	43.399	ng/ul	0.00
60) Fluorene-d10	15.528	176	3704501	39.048	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	531741	42.463	ng/ul	0.00
73) Anthracene-d10	17.386	188	5709451	38.586	ng/ul	0.00
81) Pyrene-d10	19.616	212	6295302	37.742	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	4486860	40.034	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	188995	14.169	ng/uL	97
5) Pyridine	3.775	79	1327282	37.139	ng/ul	97
6) Benzaldehyde	7.040	77	1043879	40.342	ng/ul	97
8) Phenol	7.093	94	1701068	37.122	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.328	93	1378989	37.701	ng/ul	98
12) 2-Chlorophenol	7.469	128	1407348	38.294	ng/ul	98
13) 2-Methylphenol	8.346	108	1323897	36.851	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.446	45	1582254	36.860	ng/ul	100
16) Acetophenone	8.728	105	2064943	37.156	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.722	70	1048909	36.579	ng/ul	99
18) 4-Methylphenol	8.675	108	1427621	37.213	ng/ul	99
19) Hexachloroethane	8.993	117	569858	38.379	ng/ul	98
22) Nitrobenzene	9.105	77	1451649	40.129	ng/ul	98
23) Isophorone	9.634	82	3028128	37.519	ng/ul	100
25) 2-Nitrophenol	9.816	139	723590	45.379	ng/ul	99
26) 2,4-Dimethylphenol	9.881	107	1552467	38.376	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.122	93	1878285	38.494	ng/ul	99
29) 2,4-Dichlorophenol	10.352	162	1422219	40.376	ng/ul	98
30) Naphthalene	10.763	128	4530600	38.531	ng/ul	99
32) 4-Chloroaniline	10.863	127	1958415	39.245	ng/ul	98
33) Hexachlorobutadiene	11.057	225	964031	39.898	ng/ul	99
34) Caprolactam	11.622	113	405137m	47.963	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	1420053	39.614	ng/ul	98
36) 2-Methylnaphthalene	12.369	142	3253889	38.516	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.587	142	3300430	38.494	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.734	216	1865820	39.877	ng/ul	99
40)	Hexachlorocyclopentadiene	12.722	237	1235889	38.732	ng/ul	99
41)	2,4,6-Trichlorophenol	12.969	196	1109827	43.488	ng/ul	100
42)	2,4,5-Trichlorophenol	13.040	196	1216263	45.320	ng/ul	99
43)	1,1'-Biphenyl	13.375	154	4399869	38.376	ng/ul	99
44)	2-Chloronaphthalene	13.416	162	3387125	38.481	ng/ul	98
45)	2-Nitroaniline	13.604	65	773215	44.662	ng/ul	99
47)	Dimethylphthalate	13.998	163	4266208	38.736	ng/ul	100
48)	2,6-Dinitrotoluene	14.104	165	861748	46.839	ng/ul	96
50)	Acenaphthylene	14.257	152	5405739	38.369	ng/ul	99
51)	3-Nitroaniline	14.428	138	857581	44.164	ng/ul#	96
52)	Acenaphthene	14.598	153	3498928	38.257	ng/ul	100
53)	2,4-Dinitrophenol	14.634	184	316830	45.502	ng/ul	93
55)	4-Nitrophenol	14.734	109	492091	41.925	ng/ul	99
56)	Dibenzofuran	14.934	168	5135108	38.768	ng/ul	100
57)	2,4-Dinitrotoluene	14.892	165	1201777	47.376	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.157	232	976788	44.640	ng/ul	99
59)	Diethylphthalate	15.363	149	4264952	39.203	ng/ul	99
61)	Fluorene	15.587	166	4072774	38.240	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.581	204	2173488	39.019	ng/ul	99
63)	4-Nitroaniline	15.598	138	825889	46.121	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.657	198	571187	42.737	ng/ul	99
67)	N-Nitrosodiphenylamine	15.792	169	3617862	37.784	ng/ul	99
68)	4-Bromophenyl-phenylether	16.481	248	1386734	38.807	ng/ul	96
69)	Hexachlorobenzene	16.592	284	1614106	39.498	ng/ul	99
70)	Atrazine	16.751	200	1425679	39.469	ng/ul	98
71)	Pentachlorophenol	16.934	266	831389	41.147	ng/ul	99
72)	Phenanthrene	17.328	178	6528332	38.320	ng/ul	99
74)	Anthracene	17.422	178	6569586	38.385	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.340	216	2009286	38.649	ng/uL	99
76)	Pentachlorobenzene	14.857	250	1840146	38.420	ng/uL	98
77)	Carbazole	17.686	167	5863478	40.161	ng/ul	99
78)	Di-n-butylphthalate	18.245	149	7254465	40.529	ng/ul	99
80)	Fluoranthene	19.292	202	7632347	37.800	ng/ul	98
82)	Pyrene	19.639	202	7542943	37.434	ng/ul	99
83)	Butylbenzylphthalate	20.522	149	2928791	43.067	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.280	252	2457871	43.736	ng/ul	100
85)	Benzo(a)anthracene	21.351	228	6747735	38.990	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.292	149	4368447	42.306	ng/ul#	97
87)	Chrysene	21.404	228	6378838	38.488	ng/ul	99
89)	Di-n-octyl phthalate	22.227	149	6498460	45.560	ng/ul	100
90)	Benzo(b)fluoranthene	23.057	252	5918607	40.394	ng/ul	100
91)	Benzo(k)fluoranthene	23.104	252	5607508	41.005	ng/ul	99
93)	Benzo(a)pyrene	23.692	252	5483166	39.633	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.339	276	5764834	37.394	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.357	278	4985870	37.634	ng/ul	100
96)	Benzo(g,h,i)perylene	27.109	276	4717636	36.968	ng/ul	99

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

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