Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062722\
Data File : BP010896.D
Acq On : 28 Jun 2022 02:09
Operator : CG/JU
Sample : N3374-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW4S6MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 28 05:59:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 23:12:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	542374	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	34323152	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.369	164	1020961	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.128	188	1771366	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.245	240	1789249	20.000	ng/ul	# 0.00
88) Perylene-d12	23.610	264	2031096	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	69599	4.854	ng/uL	0.00
4) Pyridine-d5	3.646	84	452241m	11.849	ng/ul	0.04
7) Phenol-d5	6.893	99	320788	7.472	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	728735	25.953	ng/ul	0.00
11) 2-Chlorophenol-d4	7.246	132	897195	25.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	605324	17.835	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	459121	2.101	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	526823	2.914	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	811636	1.817	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	838318	1.150	ng/ul	0.06
46) Dimethylphthalate-d6	13.804	166	1800810	25.749	ng/ul	0.02
49) Acenaphthylene-d8	14.063	160	2398622	26.873	ng/ul	0.00
54) 4-Nitrophenol-d4	14.593	143	109809	10.052	ng/ul	0.01
60) Fluorene-d10	15.369	176	1612714	26.871	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	295233	50.306	ng/ul	0.00
73) Anthracene-d10	17.228	188	2275876	28.878	ng/ul	0.00
81) Pyrene-d10	19.481	212	2547464	26.133	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.463	264	2881084	28.705	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	122135	7.988	ng/uL#	73
5) Pyridine	3.670	79	451124m	11.668	ng/ul	
6) Benzaldehyde	6.858	77	681934	30.103	ng/ul	96
8) Phenol	6.928	94	11776196	256.449	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.146	93	939854	25.484	ng/ul	88
12) 2-Chlorophenol	7.275	128	887940	24.148	ng/ul	91
13) 2-Methylphenol	8.164	108	680934	19.918	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.252	45	1170597	23.656	ng/ul#	96
16) Acetophenone	8.540	105	230139	4.415	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.511	70	21690	0.823	ng/ul#	72
18) 4-Methylphenol	8.493	108	1248923	35.080	ng/ul	100
19) Hexachloroethane	8.781	117	337093	22.637	ng/ul	84
22) Nitrobenzene	8.916	77	968426	1.776	ng/ul#	89
23) Isophorone	9.452	82	25486	0.022	ng/ul#	71
25) 2-Nitrophenol	9.622	139	571409	2.610	ng/ul#	80
26) 2,4-Dimethylphenol	9.699	107	5051375m	8.446	ng/ul	
27) Bis(2-Chloroethoxy)met...	9.952	93	1131572	1.569	ng/ul#	87
29) 2,4-Dichlorophenol	10.158	162	791939	1.706	ng/ul	98
30) Naphthalene	10.557	128	2449395	1.369	ng/ul	99
32) 4-Chloroaniline	10.728	127	809399	1.120	ng/ul	97
33) Hexachlorobutadiene	10.846	225	383497	1.293	ng/ul	95
34) Caprolactam	11.510	113	453180	3.108	ng/ul#	17
35) 4-Chloro-3-methylphenol	11.969	107	44134932	87.738	ng/ul#	22
36) 2-Methylnaphthalene	12.187	142	1594370	1.376	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	1620831	1.408	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.552	216	729709	24.872	ng/ul	98
40) Hexachlorocyclopentadiene	12.528	237	355690	19.132	ng/ul	97
41) 2,4,6-Trichlorophenol	12.799	196	605737	35.811	ng/ul	98
42) 2,4,5-Trichlorophenol	12.869	196	637277	35.109	ng/ul	98
43) 1,1'-Biphenyl	13.199	154	1990150	24.761	ng/ul#	98
44) 2-Chloronaphthalene	13.240	162	848688	14.017	ng/ul#	1
45) 2-Nitroaniline	13.481	65	512033m	39.860	ng/ul	
47) Dimethylphthalate	13.846	163	1779727	25.411	ng/ul	97
48) 2,6-Dinitrotoluene	13.957	165	396989	37.830	ng/ul	92
50) Acenaphthylene	14.093	152	2475193	25.320	ng/ul	99
51) 3-Nitroaniline	14.287	138	373822	29.714	ng/ul	84
52) Acenaphthene	14.434	153	1744787	27.662	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	198616	49.300	ng/ul#	83
55) 4-Nitrophenol	14.604	109	87110	10.029	ng/ul#	88
56) Dibenzofuran	14.769	168	2270025	26.274	ng/ul	96
57) 2,4-Dinitrotoluene	14.740	165	528620	37.699	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	14.998	232	430021	33.082	ng/ul#	89
59) Diethylphthalate	15.210	149	1818351	26.114	ng/ul	98
61) Fluorene	15.422	166	1792067	26.013	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.422	204	833022	25.830	ng/ul	96
63) 4-Nitroaniline	15.457	138	390560	33.576	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.504	198	286308	45.147	ng/ul	90
67) N-Nitrosodiphenylamine	15.640	169	1514801	28.234	ng/ul	98
68) 4-Bromophenyl-phenylether	16.322	248	475549	26.788	ng/ul	96
69) Hexachlorobenzene	16.422	284	534044	25.972	ng/ul	95
70) Atrazine	16.628	200	254179	14.289	ng/ul	95
71) Pentachlorophenol	16.781	266	214545	20.264	ng/ul	98
72) Phenanthrene	17.175	178	2580159	27.352	ng/ul	99
74) Anthracene	17.263	178	2651106	27.943	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.157	216	766006	26.206	ng/uL	98
76) Pentachlorobenzene	14.687	250	672977	26.844	ng/uL	99
77) Carbazole	17.545	167	2741077	32.097	ng/ul	99
78) Di-n-butylphthalate	18.110	149	2873579	28.237	ng/ul	99
80) Fluoranthene	19.157	202	2886877	24.080	ng/ul#	90
82) Pyrene	19.510	202	2984630	24.651	ng/ul#	85
83) Butylbenzylphthalate	20.404	149	1442444	33.847	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.169	252	22357	0.605	ng/ul#	47
85) Benzo(a)anthracene	21.228	228	3086502	27.582	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.175	149	2000945	29.650	ng/ul	98
87) Chrysene	21.280	228	2884078	26.896	ng/ul	99
89) Di-n-octyl phthalate	22.092	149	3701838	30.705	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	3470605	27.477	ng/ul#	96
91) Benzo(k)fluoranthene	22.939	252	3283535	27.349	ng/ul#	95
93) Benzo(a)pyrene	23.510	252	3038623	24.730	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.068	276	4160635	28.063	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.092	278	3470052	27.286	ng/ul#	93
96) Benzo(g,h,i)perylene	26.821	276	3388835	26.870	ng/ul#	88

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

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