Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011463.D
Acq On : 17 Aug 2022 15:22
Operator : CG/JU
Sample : N4173-14MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 17 23:28:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	132629	20.000	ng/ul	0.00
20) Naphthalene-d8	10.358	136	577565	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.240	164	329384	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	617862	20.000	ng/ul	0.02
79) Chrysene-d12	21.186	240	751987	20.000	ng/ul	0.05
88) Perylene-d12	23.510	264	704033m	20.000	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	14835	3.471	ng/uL	0.00
4) Pyridine-d5	3.481	84	137840	12.597	ng/ul	0.00
7) Phenol-d5	6.752	99	329428	27.029	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	198710	25.095	ng/ul	0.00
11) 2-Chlorophenol-d4	7.099	132	261756	29.200	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	267976	27.470	ng/ul	0.01
21) Nitrobenzene-d5	8.728	128	131790	31.695	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	134458	31.774	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	243034	31.113	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	331506	25.494	ng/ul	0.01
46) Dimethylphthalate-d6	13.663	166	681429	29.250	ng/ul	0.00
49) Acenaphthylene-d8	13.928	160	796956	30.779	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	100910	22.482	ng/ul	0.02
60) Fluorene-d10	15.245	176	571463	29.157	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.410	200	43387	12.995	ng/ul	0.04
73) Anthracene-d10	17.128	188	918242	33.556	ng/ul	0.02
81) Pyrene-d10	19.398	212	1006701	26.460	ng/ul	0.04
92) Benzo(a)pyrene-d12	23.369	264	1091281m	31.865	ng/ul	0.09
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	47117	10.573	ng/uL	95
5) Pyridine	3.499	79	250629	22.946	ng/ul	94
6) Benzaldehyde	6.717	77	222758	39.826	ng/ul	94
8) Phenol	6.781	94	512038	40.882	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.005	93	333588	34.143	ng/ul	96
12) 2-Chlorophenol	7.128	128	371134	38.475	ng/ul	99
13) 2-Methylphenol	8.022	108	370446	40.148	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.105	45	462814	31.975	ng/ul	98
16) Acetophenone	8.393	105	566835	34.929	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.387	70	285368	35.352	ng/ul	92
18) 4-Methylphenol	8.352	108	442067	43.275	ng/ul	94
19) Hexachloroethane	8.628	117	155386	35.513	ng/ul	95
22) Nitrobenzene	8.769	77	434047	37.034	ng/ul	95
23) Isophorone	9.305	82	790817	38.439	ng/ul	98
25) 2-Nitrophenol	9.475	139	200933	41.616	ng/ul	97
26) 2,4-Dimethylphenol	9.552	107	477691	41.669	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.793	93	449300	36.130	ng/ul	97
29) 2,4-Dichlorophenol	10.010	162	330868	41.389	ng/ul	98
30) Naphthalene	10.416	128	9606910	315.025	ng/ul	99
32) 4-Chloroaniline	10.534	127	356919	26.493	ng/ul	97
33) Hexachlorobutadiene	10.681	225	184049	36.165	ng/ul	98
34) Caprolactam	11.346	113	113041	38.998	ng/ul	95
35) 4-Chloro-3-methylphenol	11.675	107	414641	41.024	ng/ul	95
36) 2-Methylnaphthalene	12.034	142	2218197	111.801	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.257	142	1839745	91.424	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.404	216	335362	40.114	ng/ul	97
40)	Hexachlorocyclopentadiene	12.375	237	29232	5.636	ng/ul	96
41)	2,4,6-Trichlorophenol	12.657	196	237855	44.205	ng/ul	99
42)	2,4,5-Trichlorophenol	12.734	196	261998	43.741	ng/ul	98
43)	1,1'-Biphenyl	13.063	154	1589523	64.765	ng/ul	99
44)	2-Chloronaphthalene	13.104	162	728756	39.404	ng/ul	100
45)	2-Nitroaniline	13.328	65	285555	45.238	ng/ul	95
47)	Dimethylphthalate	13.716	163	922854	38.327	ng/ul	99
48)	2,6-Dinitrotoluene	13.840	165	197154	45.543	ng/ul	92
50)	Acenaphthylene	13.963	152	5315002	172.785	ng/ul	99
51)	3-Nitroaniline	14.169	138	209920	44.519	ng/ul	93
52)	Acenaphthene	14.304	153	1121850	54.450	ng/ul	99
53)	2,4-Dinitrophenol	14.398	184	52801	19.928	ng/ul#	82
55)	4-Nitrophenol	14.498	109	189299	35.396	ng/ul	92
56)	Dibenzofuran	14.651	168	4856410	170.929	ng/ul	99
57)	2,4-Dinitrotoluene	14.646	165	293064	45.222	ng/ul#	1
58)	2,3,4,6-Tetrachlorophenol	14.881	232	196434	41.771	ng/ul	93
59)	Diethylphthalate	15.093	149	1008450	38.239	ng/ul	99
61)	Fluorene	15.304	166	3025685	130.172	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.298	204	398220	37.925	ng/ul	97
63)	4-Nitroaniline	15.345	138	270297m	59.346	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.428	198	68968	19.970	ng/ul#	82
67)	N-Nitrosodiphenylamine	15.522	169	773894	42.693	ng/ul	98
68)	4-Bromophenyl-phenylether	16.204	248	235923	42.774	ng/ul	92
69)	Hexachlorobenzene	16.322	284	273909	43.091	ng/ul	96
70)	Atrazine	16.504	200	148217	21.910	ng/ul	98
71)	Pentachlorophenol	16.681	266	150080	38.078	ng/ul	97
72)	Phenanthrene	17.075	178	26056609m	779.139	ng/ul	
74)	Anthracene	17.169	178	8572794	254.088	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.022	216	335388	42.227	ng/uL	99
76)	Pentachlorobenzene	14.563	250	323874	42.975	ng/uL	98
77)	Carbazole	17.439	167	3823068	120.468	ng/ul	99
78)	Di-n-butylphthalate	18.004	149	1739270	44.505	ng/ul	99
80)	Fluoranthene	19.069	202	33957592m	725.764	ng/ul	
82)	Pyrene	19.428	202	31546006m	641.668	ng/ul	
83)	Butylbenzylphthalate	20.310	149	878738	39.845	ng/ul	88
84)	3,3'-Dichlorobenzidine	21.104	252	475597	33.408	ng/ul	98
85)	Benzo(a)anthracene	21.151	228	26489722m	578.188	ng/ul	
86)	Bis(2-ethylhexyl)phtha...	21.075	149	1438160	44.066	ng/ul	99
87)	Chrysene	21.210	228	21458311m	476.792	ng/ul	
89)	Di-n-octyl phthalate	21.969	149	2321424m	41.019	ng/ul	
90)	Benzo(b)fluoranthene	22.816	252	41784949m	954.127	ng/ul	
91)	Benzo(k)fluoranthene	22.863	252	12711598m	304.162	ng/ul	
93)	Benzo(a)pyrene	23.445	252	28888170m	675.647	ng/ul	
94)	Indeno(1,2,3-cd)pyrene	26.010	276	26195801m	549.294	ng/ul	
95)	Dibenzo(a,h)anthracene	25.974	278	7678305m	186.985	ng/ul	
96)	Benzo(g,h,i)perylene	26.751	276	19499264m	480.675	ng/ul	

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

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