Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
Data File : BM035979.D
Acq On : 28 Jul 2022 09:33
Operator : CG/JU
Sample : PB146485BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS485

Quant Time: Jul 29 00:55:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 27 23:55:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	276481	20.000	ng/ul	0.00
20) Naphthalene-d8	10.686	136	1124096	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.515	164	631978	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.256	188	1231551	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1194841	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	1253843	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	41066	5.589	ng/uL	0.00
4) Pyridine-d5	3.699	84	530676	26.364	ng/ul	0.00
7) Phenol-d5	7.045	99	644712	27.807	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	406299	26.287	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	568060	29.517	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	503210	26.791	ng/ul	0.00
21) Nitrobenzene-d5	9.045	128	266789	29.951	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	273902	31.562	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	485535	30.934	ng/ul	0.00
31) 4-Chloroaniline-d4	10.827	131	650679	24.488	ng/ul	0.00
46) Dimethylphthalate-d6	13.933	166	1297109	30.131	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1693804	30.838	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	252013	28.508	ng/ul	0.00
60) Fluorene-d10	15.504	176	1133478	29.138	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	186116	28.114	ng/ul	0.00
73) Anthracene-d10	17.356	188	1707188	30.661	ng/ul	0.00
81) Pyrene-d10	19.645	212	1995191	30.129	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.656	264	1989844	31.259	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	83704	10.993	ng/uL	95
5) Pyridine	3.716	79	586176	27.751	ng/ul	86
6) Benzaldehyde	7.022	77	442956	45.520	ng/ul	97
8) Phenol	7.075	94	696766	27.461	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.304	93	559236	27.415	ng/ul	97
12) 2-Chlorophenol	7.439	128	586460	29.706	ng/ul	98
13) 2-Methylphenol	8.328	108	521009	27.487	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	724122	26.894	ng/ul	96
16) Acetophenone	8.710	105	802212	26.601	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.698	70	399544	26.568	ng/ul	94
18) 4-Methylphenol	8.657	108	550838	27.089	ng/ul	99
19) Hexachloroethane	8.957	117	243511	29.895	ng/ul	91
22) Nitrobenzene	9.092	77	590291	28.959	ng/ul	98
23) Isophorone	9.616	82	1088554	28.291	ng/ul	97
25) 2-Nitrophenol	9.804	139	299817	31.141	ng/ul	96
26) 2,4-Dimethylphenol	9.863	107	574383	29.196	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.104	93	691968	28.514	ng/ul	99
29) 2,4-Dichlorophenol	10.333	162	501484	30.783	ng/ul	98
30) Naphthalene	10.739	128	1754347	29.568	ng/ul	99
32) 4-Chloroaniline	10.851	127	655250	24.825	ng/ul	98
33) Hexachlorobutadiene	11.016	225	319164	31.735	ng/ul	99
34) Caprolactam	11.633	113	153922	28.589	ng/ul	84
35) 4-Chloro-3-methylphenol	11.974	107	497283	29.356	ng/ul	95
36) 2-Methylnaphthalene	12.345	142	1124211	28.960	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.563	142	1129634	28.870	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.710	216	558981	31.072	ng/ul	99
40)	Hexachlorocyclopentadiene	12.686	237	317941	26.536	ng/ul	97
41)	2,4,6-Trichlorophenol	12.957	196	368013	31.967	ng/ul	98
42)	2,4,5-Trichlorophenol	13.027	196	391433	31.865	ng/ul	98
43)	1,1'-Biphenyl	13.357	154	1451677	29.843	ng/ul	100
44)	2-Chloronaphthalene	13.398	162	1124755	30.129	ng/ul	98
45)	2-Nitroaniline	13.604	65	307259	29.855	ng/ul	96
47)	Dimethylphthalate	13.980	163	1334855	30.827	ng/ul	99
48)	2,6-Dinitrotoluene	14.098	165	274044	31.877	ng/ul	93
50)	Acenaphthylene	14.239	152	1823449	30.011	ng/ul	100
51)	3-Nitroaniline	14.427	138	302446	31.833	ng/ul	95
52)	Acenaphthene	14.580	153	1167829	29.627	ng/ul	98
53)	2,4-Dinitrophenol	14.633	184	126544	25.925	ng/ul	96
55)	4-Nitrophenol	14.733	109	193781	28.661	ng/ul	87
56)	Dibenzofuran	14.915	168	1641947	30.105	ng/ul	100
57)	2,4-Dinitrotoluene	14.886	165	385950	31.848	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	15.139	232	313185	32.449	ng/ul	94
59)	Diethylphthalate	15.339	149	1367429	31.220	ng/ul	100
61)	Fluorene	15.562	166	1315024	29.516	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.557	204	640778	30.018	ng/ul	97
63)	4-Nitroaniline	15.586	138	328161	37.517	ng/ul	93
66)	4,6-Dinitro-2-methylph...	15.645	198	191425	28.898	ng/ul	99
67)	N-Nitrosodiphenylamine	15.774	169	1107060	30.577	ng/ul	99
68)	4-Bromophenyl-phenylether	16.451	248	384417	31.840	ng/ul	99
69)	Hexachlorobenzene	16.562	284	467546	31.782	ng/ul	96
70)	Atrazine	16.727	200	401408	31.964	ng/ul	99
71)	Pentachlorophenol	16.904	266	277017	30.824	ng/ul	100
72)	Phenanthrene	17.298	178	2032624	30.794	ng/ul	98
74)	Anthracene	17.392	178	2084418	31.470	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.316	216	556471	29.056	ng/uL	98
76)	Pentachlorobenzene	14.833	250	541702	31.203	ng/uL	100
77)	Carbazole	17.662	167	1931407	31.572	ng/ul	99
78)	Di-n-butylphthalate	18.227	149	2397689	34.739	ng/ul	99
80)	Fluoranthene	19.315	202	2412409	30.491	ng/ul	96
82)	Pyrene	19.674	202	2458218	30.144	ng/ul	97
83)	Butylbenzylphthalate	20.574	149	1043495	35.182	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.356	252	838620	38.035	ng/ul	99
85)	Benzo(a)anthracene	21.421	228	2394026	31.833	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.356	149	1564031	36.495	ng/ul	100
87)	Chrysene	21.474	228	2358124	32.136	ng/ul	99
89)	Di-n-octyl phthalate	22.268	149	2614525	32.290	ng/ul	100
90)	Benzo(b)fluoranthene	23.085	252	2549779	30.471	ng/ul	97
91)	Benzo(k)fluoranthene	23.133	252	2374200	29.899	ng/ul	97
93)	Benzo(a)pyrene	23.709	252	2483925	31.165	ng/ul#	96
94)	Indeno(1,2,3-cd)pyrene	26.279	276	2950091	34.725	ng/ul#	93
95)	Dibenzo(a,h)anthracene	26.297	278	2527242	34.674	ng/ul	95
96)	Benzo(g,h,i)perylene	27.038	276	2514202	35.712	ng/ul	95

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

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