Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
Data File : BP006395.D
Acq On : 28 Jul 2021 18:05
Operator : CG/JU
Sample : PB137941BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS941

Manual Integrations APPROVED
mohammad
7/29/2021 1:46:01 PM

Quant Time: Jul 29 01:06:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	305689	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	1342363	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.410	164	784187	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1551692	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1496134	20.000	ng/ul	0.00
88) Perylene-d12	23.604	264	1408294	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	64060	7.822	ng/uL	0.00
4) Pyridine-d5	3.699	84	907784	37.340	ng/ul	0.00
7) Phenol-d5	6.957	99	1110044	38.664	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	696115	38.968	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	850857	39.891	ng/ul	-0.01
15) 4-Methylphenol-d8	8.493	113	867173	38.409	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	415947	41.615	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.657	143	423246	44.348	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	741515	39.650	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	1060099	34.431	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	2237318	40.086	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	2767945	40.366	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	457414	41.276	ng/ul	0.00
60) Fluorene-d10	15.404	176	1836769	39.147	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.534	200	343870	39.752	ng/ul	0.00
73) Anthracene-d10	17.263	188	2811928	40.144	ng/ul	0.00
81) Pyrene-d10	19.504	212	3131126	40.689	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.457	264	2914326	40.722	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	134253	15.527	ng/uL	99
5) Pyridine	3.716	79	954122	37.632	ng/ul	97
6) Benzaldehyde	6.934	77	742361	47.392	ng/ul	96
8) Phenol	6.987	94	1178037	40.142	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.222	93	916472	39.702	ng/ul	100
12) 2-Chlorophenol	7.352	128	898505	41.550	ng/ul	98
13) 2-Methylphenol	8.228	108	851085	39.742	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	1059589	41.087	ng/ul	99
16) Acetophenone	8.610	105	1363280	39.266	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.604	70	757257	41.692	ng/ul	96
18) 4-Methylphenol	8.557	108	920987	40.050	ng/ul	98
19) Hexachloroethane	8.851	117	374867	42.379	ng/ul	98
22) Nitrobenzene	8.981	77	1119795	43.180	ng/ul	99
23) Isophorone	9.510	82	1992179	42.972	ng/ul	99
25) 2-Nitrophenol	9.687	139	476013	45.230	ng/ul	96
26) 2,4-Dimethylphenol	9.751	107	992338	39.759	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.993	93	1200655	40.329	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	756648	41.238	ng/ul	98
30) Naphthalene	10.616	128	2748315	39.461	ng/ul	100
32) 4-Chloroaniline	10.734	127	1081372	35.653	ng/ul	99
33) Hexachlorobutadiene	10.904	225	441597	39.451	ng/ul	99
34) Caprolactam	11.528	113	289528m	45.698	ng/ul	
35) 4-Chloro-3-methylphenol	11.863	107	953062	43.512	ng/ul	99
36) 2-Methylnaphthalene	12.228	142	1892535	39.657	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.451	142	1843326	38.374	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.598	216	824977	39.037	ng/ul	98
40)	Hexachlorocyclopentadiene	12.575	237	444762	32.352	ng/ul	97
41)	2,4,6-Trichlorophenol	12.840	196	564254	43.089	ng/ul	99
42)	2,4,5-Trichlorophenol	12.910	196	615364	42.949	ng/ul	98
43)	1,1'-Biphenyl	13.245	154	2325759	39.564	ng/ul	99
44)	2-Chloronaphthalene	13.287	162	1739660	39.196	ng/ul	98
45)	2-Nitroaniline	13.498	65	645065	49.201	ng/ul	97
47)	Dimethylphthalate	13.881	163	2259957	41.252	ng/ul	100
48)	2,6-Dinitrotoluene	13.998	165	470592	46.987	ng/ul	98
50)	Acenaphthylene	14.134	152	2694248	40.348	ng/ul	99
51)	3-Nitroaniline	14.322	138	511039	43.548	ng/ul	95
52)	Acenaphthene	14.475	153	1945313	39.706	ng/ul	99
53)	2,4-Dinitrophenol	14.528	184	239589	40.335	ng/ul	98
55)	4-Nitrophenol	14.634	109	405501	45.238	ng/ul	95
56)	Dibenzofuran	14.810	168	2602224	39.605	ng/ul	96
57)	2,4-Dinitrotoluene	14.781	165	680242	47.528	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.039	232	501013	44.840	ng/ul	98
59)	Diethylphthalate	15.251	149	2450631	43.188	ng/ul	99
61)	Fluorene	15.463	166	2193399	40.583	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.463	204	999273	39.659	ng/ul	99
63)	4-Nitroaniline	15.492	138	551407	47.841	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.545	198	354573	41.930	ng/ul#	98
67)	N-Nitrosodiphenylamine	15.675	169	1878634	40.754	ng/ul	100
68)	4-Bromophenyl-phenylether	16.357	248	593871	47.790	ng/ul	97
69)	Hexachlorobenzene	16.463	284	674463	40.471	ng/ul	100
70)	Atrazine	16.639	200	675630	42.353	ng/ul	99
71)	Pentachlorophenol	16.810	266	445648	42.536	ng/ul	100
72)	Phenanthrene	17.204	178	3394399	40.739	ng/ul	99
74)	Anthracene	17.298	178	3401689	40.264	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.204	216	825453	38.809	ng/uL	100
76)	Pentachlorobenzene	14.728	250	820516	39.571	ng/uL	99
77)	Carbazole	17.575	167	3189284	41.267	ng/ul	99
78)	Di-n-butylphthalate	18.139	149	4265184	46.177	ng/ul	100
80)	Fluoranthene	19.180	202	3897547	41.104	ng/ul	100
82)	Pyrene	19.533	202	3984826	40.499	ng/ul	99
83)	Butylbenzylphthalate	20.421	149	1983767	49.137	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.186	252	1265742	38.397	ng/ul	99
85)	Benzo(a)anthracene	21.245	228	3823317	41.240	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.186	149	3050325	48.257	ng/ul	99
87)	Chrysene	21.298	228	3638878	40.949	ng/ul	99
89)	Di-n-octyl phthalate	22.098	149	5158328	52.560	ng/ul	100
90)	Benzo(b)fluoranthene	22.892	252	3839990	42.929	ng/ul	99
91)	Benzo(k)fluoranthene	22.945	252	3757091	44.255	ng/ul	100
93)	Benzo(a)pyrene	23.504	252	3358317	42.952	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.033	276	3757654	37.544	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.056	278	3181901	37.536	ng/ul	99
96)	Benzo(g,h,i)perylene	26.774	276	2993016	36.194	ng/ul	97

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

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