Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
Data File : BP017342.D
Acq On : 26 Sep 2023 03:14
Operator : MA/JU
Sample : PB155714BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS714

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/26/2023
Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 26 03:44:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 23:51:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	204546	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.751	136	872143	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.586	164	546565	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.357	188	1225263	20.000	ng/ul	-0.01
79) Chrysene-d12	21.463	240	1135859	20.000	ng/ul	-0.01
88) Perylene-d12	23.974	264	1211372	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	35917	7.212	ng/uL	0.00
4) Pyridine-d5	3.728	84	515646	37.039	ng/ul	-0.01
7) Phenol-d5	7.087	99	675102	40.186	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.269	67	401127	39.566	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.446	132	539802	40.513	ng/ul	-0.02
15) 4-Methylphenol-d8	8.646	113	533785	40.870	ng/ul	-0.01
21) Nitrobenzene-d5	9.128	128	261098	41.411	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.840	143	296998	43.382	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.363	165	553867	42.821	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.916	131	740826	39.539	ng/ul	-0.01
46) Dimethylphthalate-d6	14.004	166	1685862	43.057	ng/ul	-0.01
49) Acenaphthylene-d8	14.286	160	1872779	41.588	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.816	143	293131	42.972	ng/ul	-0.01
60) Fluorene-d10	15.586	176	1423248	42.223	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.722	200	284758	41.234	ng/ul	0.00
73) Anthracene-d10	17.457	188	2213124	40.726	ng/ul	-0.01
81) Pyrene-d10	19.704	212	2677295	43.587	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.810	264	2537087	43.500	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	76179	14.937	ng/uL	95
5) Pyridine	3.746	79	493914	34.174	ng/ul	99
6) Benzaldehyde	7.087	77	378055	44.098	ng/ul	99
8) Phenol	7.110	94	698183	41.321	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.363	93	553556	40.529	ng/ul	97
12) 2-Chlorophenol	7.481	128	554199	40.958	ng/ul	99
13) 2-Methylphenol	8.375	108	517055	41.355	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.440	45	713728m	41.318	ng/ul	
16) Acetophenone	8.781	105	859416	42.582	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.751	70	444169	44.098	ng/ul	99
18) 4-Methylphenol	8.710	108	568121	42.408	ng/ul	97
19) Hexachloroethane	8.987	117	229553	40.867	ng/ul	99
22) Nitrobenzene	9.169	77	657365	41.089	ng/ul	98
23) Isophorone	9.681	82	1254041	43.742	ng/ul	99
25) 2-Nitrophenol	9.875	139	323844	43.653	ng/ul	98
26) 2,4-Dimethylphenol	9.916	107	476547	32.240	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.169	93	766195	41.401	ng/ul	98
29) 2,4-Dichlorophenol	10.393	162	552974	43.361	ng/ul	98
30) Naphthalene	10.798	128	1809031	39.836	ng/ul	100
32) 4-Chloroaniline	10.940	127	717290	39.949	ng/ul	98
33) Hexachlorobutadiene	11.028	225	366345	41.277	ng/ul	98
34) Caprolactam	11.775	113	172590m	46.839	ng/ul	
35) 4-Chloro-3-methylphenol	12.045	107	601567	46.931	ng/ul	99
36) 2-Methylnaphthalene	12.410	142	1264670	42.669	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1243097	41.029	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.757	216	713354	40.669	ng/ul	100
40) Hexachlorocyclopentadiene	12.704	237	304558	30.681	ng/ul	96
41) 2,4,6-Trichlorophenol	13.016	196	470877	44.257	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	513087	46.029	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	1687729	40.699	ng/ul	99
44) 2-Chloronaphthalene	13.469	162	1338230	40.705	ng/ul	99
45) 2-Nitroaniline	13.710	65	391007	48.415	ng/ul	94
47) Dimethylphthalate	14.051	163	1750097	44.372	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	354902	51.806	ng/ul	94
50) Acenaphthylene	14.316	152	2209058	41.951	ng/ul	100
51) 3-Nitroaniline	14.539	138	357266	48.461	ng/ul	94
52) Acenaphthene	14.651	153	1451970	41.751	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	168936	39.422	ng/ul	97
55) 4-Nitrophenol	14.834	109	247091	46.366	ng/ul	95
56) Dibenzofuran	14.986	168	2048488	43.013	ng/ul	98
57) 2,4-Dinitrotoluene	14.981	165	525431	52.070	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.210	232	438498	46.361	ng/ul	94
59) Diethylphthalate	15.410	149	1766454	46.328	ng/ul	98
61) Fluorene	15.645	166	1687405	43.609	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.633	204	865329	44.126	ng/ul	99
63) 4-Nitroaniline	15.710	138	353526	53.729	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.739	198	316038	42.422	ng/ul#	96
67) N-Nitrosodiphenylamine	15.863	169	1416200	42.021	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	543746	44.174	ng/ul	98
69) Hexachlorobenzene	16.616	284	628847	44.026	ng/ul	98
70) Atrazine	16.816	200	466063	38.599	ng/ul	100
71) Pentachlorophenol	16.986	266	373994	42.387	ng/ul	99
72) Phenanthrene	17.404	178	2718937	42.368	ng/ul	99
74) Anthracene	17.498	178	2710722	41.678	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	700929	37.274	ng/uL	96
76) Pentachlorobenzene	14.881	250	670927	37.769	ng/uL	98
77) Carbazole	17.780	167	2468645	42.672	ng/ul	98
78) Di-n-butylphthalate	18.292	149	3119548	49.038	ng/ul	99
80) Fluoranthene	19.369	202	3283730	45.839	ng/ul	99
82) Pyrene	19.727	202	3387628	44.485	ng/ul	99
83) Butylbenzylphthalate	20.586	149	1419971	52.589	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.386	252	1065330	43.169	ng/ul	99
85) Benzo(a)anthracene	21.445	228	3371816	43.984	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.321	149	2112095	54.164	ng/ul	99
87) Chrysene	21.504	228	3128858	43.368	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	3497344	52.486	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	3303797	46.258	ng/ul	99
91) Benzo(k)fluoranthene	23.245	252	3232758	44.865	ng/ul	99
93) Benzo(a)pyrene	23.868	252	3065381	44.859	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.639	276	3742217	43.691	ng/ul	99
95) Dibenzo(a,h)anthracene	26.668	278	3133104	43.918	ng/ul	97
96) Benzo(g,h,i)perylene	27.474	276	2965691	42.936	ng/ul	98

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

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