Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100322\
Data File : BP011889.D
Acq On : 04 Oct 2022 01:20
Operator : CG/JU
Sample : PB147997BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS997

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2022
Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 04 03:56:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 01 00:53:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	247156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	1017452	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	606098	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1262136	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1337321	20.000	ng/ul	-0.01
88) Perylene-d12	23.810	264	1352169	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	37951	6.772	ng/uL	0.00
4) Pyridine-d5	3.722	84	482804	29.412	ng/ul	-0.01
7) Phenol-d5	7.052	99	682907	32.006	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	378254	31.982	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.416	132	570878	33.893	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	527825	29.925	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	268230	34.611	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	288203	34.759	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	535035	34.887	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	723057	30.926	ng/ul	-0.01
46) Dimethylphthalate-d6	13.945	166	1443748	33.310	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1728375	34.980	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	309943	34.533	ng/ul	0.00
60) Fluorene-d10	15.528	176	1289925	34.270	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	249371	32.643	ng/ul	0.00
73) Anthracene-d10	17.392	188	1989800	34.610	ng/ul	0.00
81) Pyrene-d10	19.622	212	2407975	35.554	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.651	264	2529492	37.370	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	77197	12.754	ng/uL	97
5) Pyridine	3.740	79	489372	30.716	ng/ul	99
6) Benzaldehyde	7.028	77	369485m	39.531	ng/ul	
8) Phenol	7.081	94	656237	29.653	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.311	93	519485	29.500	ng/ul	98
12) 2-Chlorophenol	7.452	128	562754	31.252	ng/ul	100
13) 2-Methylphenol	8.334	108	493663	28.313	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	495525	28.544	ng/ul	100
16) Acetophenone	8.716	105	750010	27.890	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.705	70	335598	26.515	ng/ul	99
18) 4-Methylphenol	8.663	108	533330	27.762	ng/ul	100
19) Hexachloroethane	8.969	117	210299	31.313	ng/ul	100
22) Nitrobenzene	9.099	77	537099	32.225	ng/ul	99
23) Isophorone	9.628	82	978764	28.948	ng/ul	99
25) 2-Nitrophenol	9.810	139	302481	31.942	ng/ul	99
26) 2,4-Dimethylphenol	9.869	107	474964	26.699	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.110	93	656626	30.101	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	512891	32.276	ng/ul	99
30) Naphthalene	10.746	128	1725270	31.570	ng/ul	99
32) 4-Chloroaniline	10.863	127	669030	27.970	ng/ul	98
33) Hexachlorobutadiene	11.034	225	303694	32.288	ng/ul	99
34) Caprolactam	11.651	113	148212	26.353	ng/ul	97
35) 4-Chloro-3-methylphenol	11.987	107	505180	29.983	ng/ul	100
36) 2-Methylnaphthalene	12.357	142	1150497	30.146	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	1161010	30.318	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.722	216	590850	33.615	ng/ul	100
40) Hexachlorocyclopentadiene	12.704	237	247915	24.689	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	387422	32.927	ng/ul	98
42) 2,4,5-Trichlorophenol	13.040	196	428002	33.394	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	1449703	32.337	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	1173456	33.108	ng/ul	99
45) 2-Nitroaniline	13.616	65	282729	32.679	ng/ul	98
47) Dimethylphthalate	13.993	163	1400585	30.834	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	281913	31.846	ng/ul	98
50) Acenaphthylene	14.257	152	1778498	32.409	ng/ul	99
51) 3-Nitroaniline	14.445	138	319163	31.106	ng/ul	96
52) Acenaphthene	14.598	153	1248495	32.247	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	161397	26.892	ng/ul	97
55) 4-Nitrophenol	14.751	109	194346	32.076	ng/ul	96
56) Dibenzofuran	14.934	168	1700045	32.059	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	415437	32.106	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	355657	31.943	ng/ul	99
59) Diethylphthalate	15.357	149	1373226	30.177	ng/ul	100
61) Fluorene	15.587	166	1389353	31.988	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	676970	31.485	ng/ul	98
63) 4-Nitroaniline	15.610	138	340217	34.747	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.663	198	245134	30.289	ng/ul	100
67) N-Nitrosodiphenylamine	15.792	169	1180167	31.698	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	404174	31.482	ng/ul	98
69) Hexachlorobenzene	16.586	284	468153	32.045	ng/ul	98
70) Atrazine	16.751	200	391756	29.161	ng/ul	100
71) Pentachlorophenol	16.939	266	296958	30.905	ng/ul	99
72) Phenanthrene	17.334	178	2269886	32.725	ng/ul	100
74) Anthracene	17.422	178	2239422	32.089	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	618060	35.478	ng/uL	98
76) Pentachlorobenzene	14.851	250	547463	29.410	ng/uL	98
77) Carbazole	17.698	167	2147585	34.059	ng/ul	100
78) Di-n-butylphthalate	18.245	149	2384550	30.881	ng/ul	99
80) Fluoranthene	19.298	202	2681896	32.357	ng/ul	99
82) Pyrene	19.651	202	2855125	33.084	ng/ul	98
83) Butylbenzylphthalate	20.522	149	1139089	30.540	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.292	252	984927	31.992	ng/ul	99
85) Benzo(a)anthracene	21.363	228	2853978	32.634	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1663327	29.606	ng/ul	98
87) Chrysene	21.416	228	2668154	32.510	ng/ul	98
89) Di-n-octyl phthalate	22.216	149	2900895	33.626	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	2915836	33.785	ng/ul	100
91) Benzo(k)fluoranthene	23.116	252	2948527	35.478	ng/ul	99
93) Benzo(a)pyrene	23.704	252	2644753	34.339	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.345	276	3201338	32.656	ng/ul	99
95) Dibenzo(a,h)anthracene	26.362	278	2900428	33.305	ng/ul	99
96) Benzo(g,h,i)perylene	27.127	276	2826287	32.519	ng/ul	99

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

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