Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112723\
Data File : BP018412.D
Acq On : 27 Nov 2023 21:45
Operator : MA/JU
Sample : PB157279BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS279

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 27 22:34:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 27 21:50:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	490295	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1977509	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	1151431	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	2086792	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	1567221	20.000	ng/ul	0.00
88) Perylene-d12	23.898	264	1869347	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	70978	5.422	ng/uL	0.00
4) Pyridine-d5	3.687	84	949560	26.396	ng/ul	0.00
7) Phenol-d5	7.028	99	1281037	28.589	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	722621	26.969	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	1080432	28.719	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	1016445	28.109	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	502802	31.304	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	510010	34.381	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	1080075	30.180	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	1340531	27.773	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2954679	28.839	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	3351521	28.709	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	382479	27.042	ng/ul	0.00
60) Fluorene-d10	15.486	176	2407390	28.092	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	308015	34.673	ng/ul	0.00
73) Anthracene-d10	17.345	188	3095285	27.751	ng/ul	0.00
81) Pyrene-d10	19.592	212	3167547	25.395	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	3303875	30.485	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	149161	10.626	ng/uL#	88
5) Pyridine	3.705	79	982941	27.118	ng/ul	94
6) Benzaldehyde	6.999	77	705724	29.763	ng/ul	95
8) Phenol	7.052	94	1301183	29.604	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.293	93	1076185	29.394	ng/ul	95
12) 2-Chlorophenol	7.422	128	1107724	29.349	ng/ul	97
13) 2-Methylphenol	8.305	108	994710	29.055	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1314580	25.260	ng/ul	95
16) Acetophenone	8.687	105	1578704	28.531	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.681	70	725494	23.471	ng/ul	93
18) 4-Methylphenol	8.640	108	1069523	29.255	ng/ul	98
19) Hexachloroethane	8.940	117	449164	28.496	ng/ul	95
22) Nitrobenzene	9.063	77	1102032	29.286	ng/ul	95
23) Isophorone	9.599	82	2183225	26.031	ng/ul	97
25) 2-Nitrophenol	9.775	139	576560	34.545	ng/ul	92
26) 2,4-Dimethylphenol	9.840	107	783196	20.901	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	1443285	28.494	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	1068404	31.166	ng/ul	98
30) Naphthalene	10.710	128	3512094	29.365	ng/ul	100
32) 4-Chloroaniline	10.822	127	1242595	27.281	ng/ul	99
33) Hexachlorobutadiene	10.998	225	756981	32.376	ng/ul	99
34) Caprolactam	11.604	113	300154m	30.384	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	988813	26.978	ng/ul	95
36) 2-Methylnaphthalene	12.322	142	2400183	28.355	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.540	142	2343687	27.507	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.687	216	1384645	34.049	ng/ul	98
40)	Hexachlorocyclopentadiene	12.669	237	546711	23.737	ng/ul	99
41)	2,4,6-Trichlorophenol	12.928	196	816202	33.421	ng/ul	100
42)	2,4,5-Trichlorophenol	12.998	196	874075	33.098	ng/ul	99
43)	1,1'-Biphenyl	13.334	154	3100162	30.902	ng/ul	99
44)	2-Chloronaphthalene	13.375	162	2475374	31.175	ng/ul	98
45)	2-Nitroaniline	13.575	65	507771	29.720	ng/ul	90
47)	Dimethylphthalate	13.957	163	2983676	29.763	ng/ul	99
48)	2,6-Dinitrotoluene	14.075	165	569879	33.719	ng/ul	90
50)	Acenaphthylene	14.216	152	3820376	29.359	ng/ul	99
51)	3-Nitroaniline	14.398	138	519089	30.912	ng/ul#	93
52)	Acenaphthene	14.557	153	2505815	29.478	ng/ul	100
53)	2,4-Dinitrophenol	14.604	184	188707	32.004	ng/ul	96
55)	4-Nitrophenol	14.704	109	272704	26.025	ng/ul	95
56)	Dibenzofuran	14.892	168	3454826	29.728	ng/ul	99
57)	2,4-Dinitrotoluene	14.857	165	743763	32.565	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	15.116	232	651865	31.431	ng/ul	98
59)	Diethylphthalate	15.328	149	2819926	28.003	ng/ul	99
61)	Fluorene	15.545	166	2652725	27.990	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.545	204	1429750	29.709	ng/ul	95
63)	4-Nitroaniline	15.563	138	463113	29.222	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.622	198	350382	35.563	ng/ul	95
67)	N-Nitrosodiphenylamine	15.757	169	2228791	31.496	ng/ul	99
68)	4-Bromophenyl-phenylether	16.439	248	836662	31.755	ng/ul	95
69)	Hexachlorobenzene	16.545	284	1003880	34.082	ng/ul	93
70)	Atrazine	16.716	200	613700	28.408	ng/ul	98
71)	Pentachlorophenol	16.892	266	493999	32.641	ng/ul	99
72)	Phenanthrene	17.286	178	3846545	30.304	ng/ul	99
74)	Anthracene	17.381	178	3672787	28.666	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.292	216	1373191	38.283	ng/uL	98
76)	Pentachlorobenzene	14.810	250	1291837	37.076	ng/uL	99
77)	Carbazole	17.651	167	3082881	29.700	ng/ul	99
78)	Di-n-butylphthalate	18.216	149	3988688	27.626	ng/ul	100
80)	Fluoranthene	19.263	202	3883055	26.059	ng/ul	99
82)	Pyrene	19.622	202	3936767	26.237	ng/ul	97
83)	Butylbenzylphthalate	20.527	149	1323062	23.827	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.310	252	1154401	30.455	ng/ul	100
85)	Benzo(a)anthracene	21.369	228	3847417	30.123	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.351	149	1935930	23.238	ng/ul	99
87)	Chrysene	21.421	228	3570307	30.718	ng/ul	100
89)	Di-n-octyl phthalate	22.374	149	3162223	22.977	ng/ul	100
90)	Benzo(b)fluoranthene	23.127	252	4189364	30.854	ng/ul	99
91)	Benzo(k)fluoranthene	23.174	252	3971094	29.379	ng/ul	100
93)	Benzo(a)pyrene	23.786	252	3880563	31.077	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.662	276	4785032m	33.141	ng/ul	
95)	Dibenzo(a,h)anthracene	26.745	278	3974186	33.622	ng/ul	97
96)	Benzo(g,h,i)perylene	27.509	276	3956945m	33.840	ng/ul	

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

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