Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
Data File : BP020068.D
Acq On : 21 Apr 2024 09:10
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020772

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 22 09:38:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 20 01:32:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	161515	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	641419	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.322	164	446239	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	1002092	20.000	ng/ul	0.01
79) Chrysene-d12	21.680	240	862037	20.000	ng/ul	0.02
88) Perylene-d12	25.092	264	966403	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	32341	8.204	ng/uL	0.00
4) Pyridine-d5	3.634	84	228906	19.729	ng/ul	0.00
7) Phenol-d5	6.828	99	284505	20.211	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	186195	18.924	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	208066	21.648	ng/ul	0.00
15) 4-Methylphenol-d8	8.352	113	216272	19.668	ng/ul	0.00
21) Nitrobenzene-d5	8.799	128	100982	21.887	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	118834	23.827	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	224034	22.644	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	285095	21.585	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	637228	20.895	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	775316	21.330	ng/ul	0.00
54) 4-Nitrophenol-d4	14.569	143	113062	24.354	ng/ul	0.01
60) Fluorene-d10	15.345	176	592225	21.815	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	64039	10.939	ng/ul	0.00
73) Anthracene-d10	17.275	188	939945	20.937	ng/ul	0.01
81) Pyrene-d10	19.680	212	1085157	23.424	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.857	264	987550	20.919	ng/ul	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	34705	7.832	ng/uL	98
5) Pyridine	3.652	79	237211	19.746	ng/ul	99
6) Benzaldehyde	6.810	77	193747	23.024	ng/ul	99
8) Phenol	6.852	94	298127	20.098	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.087	93	231737	19.132	ng/ul	98
12) 2-Chlorophenol	7.210	128	215483	21.277	ng/ul	95
13) 2-Methylphenol	8.087	108	215334	19.808	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.157	45	333540	18.841	ng/ul	97
16) Acetophenone	8.469	105	350952	18.632	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.446	70	197915	17.988	ng/ul	97
18) 4-Methylphenol	8.410	108	227602	19.676	ng/ul	100
19) Hexachloroethane	8.693	117	102293	20.521	ng/ul	98
22) Nitrobenzene	8.840	77	310712	20.664	ng/ul	99
23) Isophorone	9.363	82	547335	19.613	ng/ul	98
25) 2-Nitrophenol	9.546	139	122448	23.050	ng/ul	92
26) 2,4-Dimethylphenol	9.604	107	264360	20.803	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.846	93	309312	19.767	ng/ul	100
29) 2,4-Dichlorophenol	10.075	162	216165	22.438	ng/ul	100
30) Naphthalene	10.469	128	702452	21.119	ng/ul	99
32) 4-Chloroaniline	10.593	127	276309	21.086	ng/ul	99
33) Hexachlorobutadiene	10.734	225	168928	21.324	ng/ul	98
34) Caprolactam	11.398	113	68188	22.583	ng/ul	95
35) 4-Chloro-3-methylphenol	11.734	107	257467	22.291	ng/ul	100
36) 2-Methylnaphthalene	12.093	142	482193	20.998	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.322	142	483028	21.182	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.463	216	308925	21.243	ng/ul	98
40)	Hexachlorocyclopentadiene	12.428	237	60479	7.219	ng/ul	94
41)	2,4,6-Trichlorophenol	12.722	196	192597	22.103	ng/ul	98
42)	2,4,5-Trichlorophenol	12.798	196	206684	22.818	ng/ul	98
43)	1,1'-Biphenyl	13.128	154	649590	20.305	ng/ul	99
44)	2-Chloronaphthalene	13.169	162	534547	20.915	ng/ul	98
45)	2-Nitroaniline	13.398	65	195847	23.586	ng/ul	97
47)	Dimethylphthalate	13.781	163	649570	20.743	ng/ul	100
48)	2,6-Dinitrotoluene	13.910	165	139200	23.556	ng/ul	97
50)	Acenaphthylene	14.034	152	876247	21.386	ng/ul	99
51)	3-Nitroaniline	14.251	138	144083	25.761	ng/ul	97
52)	Acenaphthene	14.387	153	579096	21.441	ng/ul	99
53)	2,4-Dinitrophenol	14.475	184	37199	10.469	ng/ul	93
55)	4-Nitrophenol	14.581	109	119005	22.500	ng/ul	96
56)	Dibenzofuran	14.734	168	792854	21.262	ng/ul	99
57)	2,4-Dinitrotoluene	14.728	165	203511	24.328	ng/ul#	86
58)	2,3,4,6-Tetrachlorophenol	14.975	232	188033	23.972	ng/ul#	99
59)	Diethylphthalate	15.181	149	681667	21.677	ng/ul	99
61)	Fluorene	15.404	166	661361	21.465	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.404	204	352724	21.071	ng/ul	98
63)	4-Nitroaniline	15.451	138	148045	29.812	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.510	198	68937	11.329	ng/ul	97
67)	N-Nitrosodiphenylamine	15.634	169	556688	20.083	ng/ul	99
68)	4-Bromophenyl-phenylether	16.334	248	226434	20.603	ng/ul	96
69)	Hexachlorobenzene	16.433	284	252662	21.237	ng/ul	100
70)	Atrazine	16.633	200	220407	21.653	ng/ul	96
71)	Pentachlorophenol	16.804	266	154374	21.408	ng/ul	98
72)	Phenanthrene	17.216	178	1058956	20.352	ng/ul	99
74)	Anthracene	17.316	178	1104300	20.809	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.087	216	308971	19.448	ng/uL	96
76)	Pentachlorobenzene	14.645	250	302008	20.201	ng/uL	99
77)	Carbazole	17.610	167	977645	21.499	ng/ul	99
78)	Di-n-butylphthalate	18.210	149	1232106	22.458	ng/ul	99
80)	Fluoranthene	19.327	202	1301190	23.890	ng/ul	100
82)	Pyrene	19.710	202	1291884	22.798	ng/ul	99
83)	Butylbenzylphthalate	20.686	149	517399	23.947	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.586	252	388368	20.374	ng/ul	99
85)	Benzo(a)anthracene	21.663	228	1277709	21.428	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.616	149	772592	23.196	ng/ul	98
87)	Chrysene	21.727	228	1189616	21.185	ng/ul	99
89)	Di-n-octyl phthalate	22.927	149	1324021	22.167	ng/ul	100
90)	Benzo(b)fluoranthene	24.004	252	1214563	20.853	ng/ul	99
91)	Benzo(k)fluoranthene	24.086	252	1223987	20.499	ng/ul	100
93)	Benzo(a)pyrene	24.933	252	1158276	20.637	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.968	276	1401214m	21.530	ng/ul	
95)	Dibenzo(a,h)anthracene	29.068	278	1127917	21.271	ng/ul	98
96)	Benzo(g,h,i)perylene	30.139	276	1086431	20.871	ng/ul	98

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

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